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WILSON S. BROWER

COMPANY, INCORPORATED

SUCCESSORS TO

MUZZY BROTHERS

Superior Seeds, Implements

Bulbs and Plants

1932

89 VAN HOUTEN STREET
PATERSON, N. J.

Established 1835

Sherwood 2-1388



SPECIAL NOTICE



OUR Aim is to sell the Best Seeds Obtainable. We give no warranty, expressed or implied as to description, purity, quality, productiveness, or any other matter of any seeds, bulbs or plants we sell, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned, and money refunded.

WILSON S. BROWER COMPANY, Inc.

Successors to

MUZZY BROTHERS

SEED AND AGRICULTURAL WAREHOUSE

89 Van Houten Street

Paterson, N. J.

PRICES SUBJECT TO CHANGES WITHOUT NOTICE

Special Notice to Market Gardeners

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus	1 oz. to 60 ft. drill	Pole Beans	1 qt. to 150 hills
Beet	1 oz. to 50 ft. drill	Corn	1 qt. to 200 hills
Carrot	1 oz. to 150 ft. drill	Cucumber	1 oz. to 50 hills
Endive	1 oz. to 150 ft. drill	Water Melon	1 oz. to 30 hill's
Okra	1 oz. to 40 ft. drill	Musk Melon	1 oz. to 60 hills
Onion	1 oz. to 100 ft. drill	Pumpkin	1 oz. to 40 hills
Onion Sets, small	1 oz. to 20 ft. drill	Early Squash	1 oz. to 50 hills
Parsley	1 oz. to 150 ft. drill	Marrow Squash	1 oz. to 16 hills
Parsnip	1 oz. to 200 ft. drill	Cabbage	1 oz. to 3,000 plants
Radish	1 oz. to 100 ft. drill	Cauliflower	1 oz. to 3,000 plants
Salsify	1 oz. to 70 ft. drill	Celery	1 oz. to 4,000 plants
Spinach	1 oz. to 100 ft. drill	Egg Plant	1 oz. to 2,000 plants
Turnip	1 oz. to 150 ft. drill	Lettuce	1 oz. to 4,000 plants
Peas	1 qt. to 100 ft. drill	Pepper	1 oz. to 2,000 plants
Dwarf Peas	1 qt. to 100 ft. drill	Tomato	1 oz. to 2,000 plants

How To Make A Lawn

The production of a good lawn is made by the following method: (1) When the soil is moist dig it up about 6" deep; if the ground is "muddy" allow a few days of clear weather to dry it up. (2) As you dig lift each clod high enough to enable you to turn it completely over. (3) Now break and pulverize the inverted clod with the back of the fork. (4) Remove from the plot all stones, sticks etc. (5) Scatter Hyper-Humus on the dug earth, use 100 lbs. to every 60 square feet. (6) Draw our "speedy" cultivator or a rake back and forth over the whole plot until the soil is in a fine condition. (7) Purchase

"Velvet" Lawn Seed at the minimum rate of 1 lb. per 400 square feet, plot 20x20, or double the quantity when the lawn is needed quickly or a very thick turf desired. Divide the seed in two equal parts and sow on a calm day, going over the whole area twice, the second time at right angles to the first. (8) Rake the plot again very lightly. This time drawing the rake toward you in a series of light strokes, raking only once in the same place. Grass seed should not be covered more than one-eighth of an inch. (9) Roll (or pat with the back of a spade) the area planted when dry.

OUR LAWN SEED MIXTURES

STANDARD

This mixture contains a large portion of the finer and more expensive grasses in extra heavy samples, including a 5% (by weight) addition of Holland White Clover. This produces a turf of the closest and finest texture possible, and insures an enduring green.

Lb. 50c; 5 Lbs. \$2.25; 20 Lbs. \$8

VELVET

This mixture particularly adapted to the soils and climate of Northern Jersey, is an intelligently arranged combination of the fine leaf dwarf grasses only, which, in succession, reach their maximum development at a time of year beginning with the late spring and continuing until fall.

Lb. 65c; 5Lbs. \$3; 20 Lbs. \$11

SHADY

The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our Velvet Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, building, etc., thus covering the whole area with a rich green sward.

Lb. 65c; 5 Lbs. \$3; 20 Lbs. \$11

GRASS SEED

In Separate Varieties

It is our intention in giving the separate varieties of grass seeds as listed below to familiarize one with the character of the individual varieties and we do not think it advisable to plant any one variety in place of a mixture. We obtain these individual grass seeds direct from the best original sources which we have discovered in our many years of experience to be botanically true, new crop seed, re-cleaned, and of the highest degree of purity and germination.

THE BENTS (*Agrostis* Species). All bents are slow starting in the spring but as they do not mature until late summer their color is carried in late fall. The seeds are the smallest of the lawn grass seeds (8,000,000 per pound) and produce the finest textured turf.

German Bent (*A. stolonifera* varieties). This is a natural bent seed mixture produced in Germany and sold as German Bent or South German Creeping Bent and ordinarily contains Red Top, Velvet Bent and Creeping Bent. The sod produced by this mixture tolerates very close mowing and makes an excellent turf when properly top-dressed to prevent matting of the stolens at the surface.

Rhode Island Bent (*A. tenuis*, *A. vulgaris*). This seed was imported from England during the eighteenth century. It has become naturalized and is now found growing wild all over the northern half of the United States and Southern Canada. There are many strains of this variety: A Colonial Bent or Brown-top from New Zealand, and others from Rhode Island, Washington State and Prince Edward Isle. It is very resistant to drought, withstands very close mowing and has proven aggressive on all but the poorest soils.

Redtop (*Agrostis palustris*). Redtop makes a rapid growth when newly seeded, the sod formed is tough but does not stand close clipping, becoming coarse and stubby and seldom remains in a lawn more than a year and a half. Because of the poor texture of the sod the grass should be used primarily in mixtures with Kentucky Blue Grass and other varieties.

THE BLUE GRASSES (*Poa* Species). The seed of the blue grass is small, averaging 2 400,000 to a pound. They prefer an alkaline soil, are slow to germinate, and their leaves are distinguished with the exception of *Poa trivialis*, by their upright growth.

Kentucky Blue Grass (*P. pratensis*). This variety is one of the best species of seed for lawns in New Jersey; it is aggressive, thrives on loamy soils and is not fully developed until the end of the second year from planting. The sod is not permanently injured by drought or high temperatures. It grows best when mixed with other seeds, and is used as a basis in all of the better mixtures of seeds.

Canada Blue (*P. compressa*). This variety is closely associated with the Kentucky Blue. Its use is confined to very poor clay soils and graveled knolls or as a soil binder on silt. It forms an open coarse texture sod and the color is an undesirable slaty bluish green.

Rough Stalked Meadow Grass, or Bird Grass (*P. trivialis*). This variety can hardly be distinguished from the Kentucky Blue, and should be used as a substitute on all shaded or partly shaded and damp locations.

Wood Meadow (*P. nemoralis*). This variety has proved to be a weak grower unable to compete with other grasses and weeds. The sod produced is coarse and open. This variety is of value in Europe but does not thrive here.

THE FESCUES (*Festuca* Species). The fescues are not particular as to their soil reaction, except Red Fescue, which appears a little more satisfied on acid soil than alkaline. The seeds are large, about 600,000 to the pound, and thrive best on poor sandy soils.

Sheeps Fescue (*F. ovina*). This variety has tough wiry foliage and they make vigorous growth only in cool weather. It is able to survive on very poor and sandy soils, however, there is no place in a lawn but does make an excellent rough on the golf course.

Hard Fescue (*F. durinshcula*). Fine leaved fescue differs from Sheep's Fescue in having somewhat finer foliage, but both grasses have a similar adaptation.

Red Fescue (*F. rubra*). Genuine Red Fescue is stoloniferous on sandy loam. If seeded alone it will produce a thick drought-withstanding turf practically free from weeds. The texture is wire-like and somewhat difficult to mow. When closely cut to a height of one-quarter inch, red fescue languishes in hot weather.

Chewing's N. Z. Fescue (*Festuca rubra fallax*). On loamy soils, Chewing's fescue makes fairly good growth but it does not form a smooth sod and lacks the ability to spread and heal injuries. Perhaps the best use of this plant is for turf on soils which are too sandy or lacking in fertility to support Kentucky bluegrass. The foliage is very tough and withstands much hard usage without apparent injury, but it is also difficult to cut and blends poorly with the bent grasses and Kentucky bluegrass.

Meadow Fescue (*F. pratensis*). This species differs in that the leaves are flat, broad and very glossy on the underside. It is adapted to wet soil where it makes a very quick growth. There is little advantage in using this species for ordinary locations but adapts itself to shade and therefore is of value in shady mixtures.

THE RYES (*Lolium* Species). Rye grasses are quick germinating and fast growing; for this reason they are used for cover or nurse crop. The seeds are very large, 220,000 to the pound.

Perennial Rye (*L. perenne*). This species is a short-lived perennial in lawns and is used primarily for a quick production of green coverings on newly seeded areas. The turf rarely becomes as finely knitted as the bents or *Poa* Species and is rarely seeded alone.

Italian Rye (*L. multifolium*). Although seedlings of rye grass will grow nearly three times as fast as those of other species it is shorter lived and usually succumbs to hot, dry weather. It is suitable only for making a temporary turf in fall or early spring.

Domestic Rye is an American grown perennial rye, whose life in turf is only one year, or possibly two growing seasons.

OTHER NORTHERN GRASSES. In general these grasses are used for rough and other coarse turfs where the soil is usually less fertile and more likely to be neglected and where the finer turf is not desired. The seeds listed below are less expensive and if mowing is not required regularly they will not make too dense a growth.

Timothy (*Phleum pratense*). A species of inexpensive seed well adapted to this climate, a wide range of soils, and a good appearance of grass comparatively easy to obtain.

Orchard Grass (*Dactylis glomerata*). This species is one of the most shade-loving grasses available for this climate, and is somewhat better adapted to sandy soil than Timothy.

Tall Oat Grass (*Arrhenatherum elatius*). This grass may be employed to good advantage on poor or gravelly soils, but does not tolerate frequent close cutting. It is not so persistent in this climate as are timothy and orchard grass, and is distinctly a bunch grass, unsuited for fine turf.

Sweet Vernal Gras (*Anthoxanthum odoratum*). This grass makes a very early growth in spring and has been found to be tolerant of poor or droughty soils. It forms a bunchy sod, but, like orchard grass, tolerates fairly close cutting.

White Clover (*Trifolium repens*). This familiar plant is much used for lawns. It grows quickly forms a green herbage and remains green throughout the season. The addition of bone meal or lime to the soil is a great benefit to it.

MERITORIOUS VARIETIES

FOR 1932

SQUASH

GIANT YELLOW SUMMER STRAIGHT NECK SQUASH. A recent selection from the Giant Yellow Summer Crook Neck Squash with all the good qualities of the former and none of its defects. There will be found in the new strain a small percentage that are not Crook Necks or Giant. The squashes are a deep orange color, heavily warted and when mature measure from 15 to 18 inches in length. The flesh is thicker and more meaty in the neck than in the Crook Neck variety. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

NEAPOLITAN SQUASH grows very long and slender, quite heavily curved, often scimitar in shape. The color is light green with smooth surface. It runs three to four inches in diameter, in fact, this Squash reminds one of an eel. Oz. 75 cts., 4 oz. \$2.75.

GREEN BEANS

ASGROW VALENTINE BEANS. After many years of careful breeding and selection we are able to offer a Black Valentine which is stringless. It is hardy, productive, and the long green pods are fairly straight and entirely stringless. We only have these in limited quantity this year, but all bean growers for market should give it a trial. Pkt. 20 cts., $\frac{1}{2}$ lb. 40 cts., lb. 70 cts., 2 lbs. \$1.30, 4 lbs. \$2.50, 10 lbs. \$5.00.

TOMATO

MARGLOBE. A new variety developed by the United States Department of Agriculture. Is very wilt resistant and is resistant to nail head rust. Fruit resembles Livingston's Globe but is scarlet and the flesh more solid. Vine dark green and vigorous. 4 oz. 75 cts., 1 lb. \$2.00.

ONION

THE BARLETTA ONION is a white small type, semi-flat, and is grown largely for pickling purposes. As it is medium early, it could be also used for an early garden Onion. Oz., 40c; 4 oz., \$1.15; 1 lb., \$3.50.

BEETS

EARLY WONDER. Roots are of globe shape with small top and the color of the flesh is deep blood red slightly zoned. Quality is excellent. May be used for both early and late plantings. 1 oz., 15c; 4 oz., 40c; 1 lb., \$1.25.

PUMPKIN

CHEESE. This is an unusually fine straight grown exclusively for the most critical trade. A very large, flat ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. Oz., 25c; $\frac{1}{4}$ lb., 75c.

CELERY

GOLDEN KING. Grows about 24 to 26 inches in height; long jointed; 8 or 9 inches to the joint; long rib, good heart, faster grower, making a very desirable strain for an extra early crop. It branches in 10 to 12 days. Pkt., 25c; 1 oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

SWEET CORN

SPANISH GOLD EARLY. A new variety of sweet corn, ripens early, produces many good sized ears and among the first to give marketable ears which are well filled to the tips with 10 to 12 straight rows of bright yellow kernels. 1 lb., 65c; 5 lbs., \$3.00.

97th Year

Wilson S. Brower

Company, Incorporated

SUCCESSORS TO
MUZZY BROTHERS

Vegetable Seeds

1932

ARTICHOKE

German, Artichoke; French, Artichaut; Spanish, Albachofa.

	Pkt.	Oz.
French Globe	\$0.10	\$1.25

The seeds should be sown in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.

Jerusalem Artichoke, Tubers 25 cents each

ASPARAGUS

German, Spargel; French, Asperge; Spanish, Esparrago.

Pkt. 5 Cents

	Per oz.	¼ lb.	Per lb.
Conover's Colossal .....	.15	.40	1 00
Palmetto, a light green variety.....	.15	.45	1 25

ROOTS	Per	Per	Per
	50	100	1000
Roots Palmetto, 2 years.....	1.00	1.50	12.50
Roots Mary Washington 2 years	1.75	3.00	23.00

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keep the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use: set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale set four feet apart one way and two the other, which will allow the use of a horse and cultivator to keep the weeds under.

BEANS

German, Gartenbohne; French, Fève de Marais; Spanish, Hava,
English or Broad.

String Beans

Dwarf or Bush Green Podded Varieties

All Green String Beans, 40c. lb.; 2 lb., 75c.

Asgrow Valentine, a Black Valentine which is stringless, hardy, productive and long green pods fairly straight and entirely stringless. All bean growers should give it a trial.

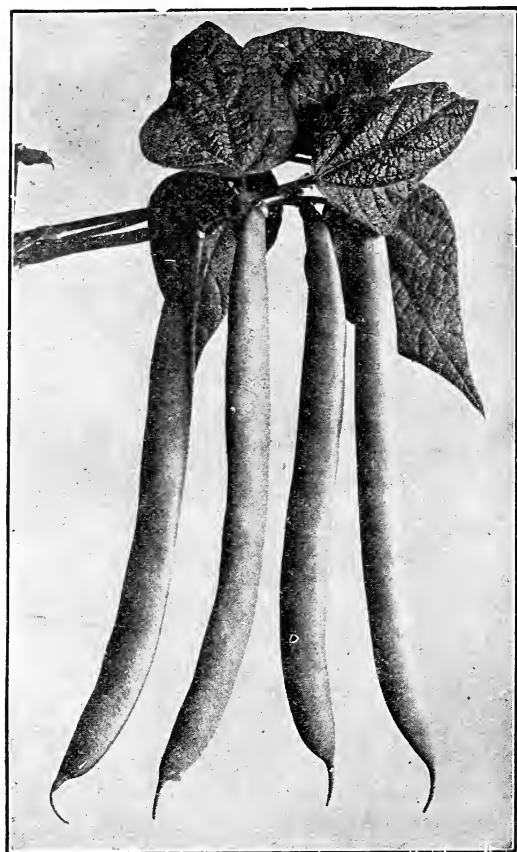
Bountiful Extra Early. Very prolific and long bearing. Flat green pods, tender and stringless.

Valentine Black, long round, green, solid pod, very early.

Valentine Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pod, brittle and stringless; a strong grower and good yielder.

Valentine Early. Productive, tender and of excellent flavor.

Burpee's Stringless Green Pod, the best stringless bean grown. Ten days to two weeks earlier than the Valentine; pods full and fleshy, extremely crisp and absolutely stringless. Very productive.



Refugee or Thousand to One. (Late variety.) The pods are round and full, stringless and of fine quality.

DWARF WAX VARIETIES

All wax string beans, 40c. lb.; 2 lbs., 75c.

Delicious Wax, Landreth's—54 Days. This is a splendid, very productive, round podded Wax Bean, with extremely healthy vines. This Stock was selected very carefully from Stringless Green Pod in our Trial Ground at Filer, Idaho. It is the same in every respect as the Stringless Green Pod except that the Pod is a Wax instead of a Green Pod. This bean should supersede the Improved Golden Wax as it is a much better quality. The pods are round and absolutely stringless. The dry Seed being identical in appearance to the Stringless Green Pod. All Dwarf Wax Varieties, 1 lb., 40c; 2 lbs., 75c.

Sure Crop Stringless Wax. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, is very hardy and may therefore be planted several days earlier than the light-seeded sorts.

Round Pod Kidney Wax, same as Wardell's, only round pods.

Wardell's Kidney Wax, extra early, long flat pods, very productive.

Golden Eyed Wax Earliest Variety.

Curries Rust Proof, very early and prolific. The pods are long, full, stringless; of very fine quality.

Golden Wax. This valuable variety is about ten days earlier than the black wax pods, large, long semi-round, brittle, stringless. Blossoming time sends up a tendril a foot longer than vein which drop off.

Hodson Wax, very large, tender, pods stringless, very productive.

DWARF LIMA AND DWARF WHITE BEANS

Burpee's Improved Bush Lima. Beans are large as Large Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans. 1 lb., 50c; 2 lbs., 90c.
Ferdhook Bush Beans, a very productive variety of the potato lima type. 1 lb., 50c; 2 lbs., 90c.
White Marrowfat, grown for sale in the dry state. 1 lb., 35c; 2 lbs., 50c; 10 lbs., \$2.50.

LIMA BEANS, Pole or Running Varieties

Challenger Lima. Potato variety, five and six to a pod. 1 lb., 45c; 2 lbs., 75c.

King of Garden Lima. Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop. 1 lb., 45c; 2 lbs., 75c.

Large White Lima. Greatly esteemed variety. 1 lb., 45c; 2 lbs., 75c.

POLE SNAPBEANS

Kentucky Wonder, or Homestead Extra Early. Pods long, tender and good flavor, very productive. 1 lb., 45c; 2 lbs., 75c.

Scarlet Runner. Beautiful scarlet flowers; for ornamental and table use. 1 lb., 45c; 2 lbs., 80c.

Beans, London Horticultural, Pole. This is a late green shell bean. The leaves are light colored, pods are about 5 inches long and are light green when young but take on a more yellowish appearance spotted with red as they grow older. 1 lb., 40c; 2 lbs., 75c.

Early Golden Cluster. Bright yellow pods, stringless, in clusters. 1 lb., 40c; 2 lbs., 75c.

Dutch Case Knife. Pods are long, green flat. Shelled as well as snap. 1 lb., 40c; 2 lbs., 75c.

SHELL BEANS

English Broad Windsor. Used as a shell bean when green.
 1 lb., 50c; 2 lbs., 95c.

Dwarf Horticultural. 1 lb., 45c; 2 lbs., 85c.

White Marrow. 1 lb., 35c; 2 lbs., 65c.

BEETS

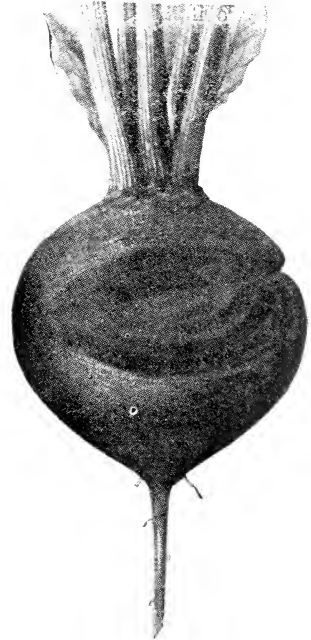
German, Runkelrub; French, Bourrache;

Spanish, Remolacha.

Price: 1 oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25

Detroit Dark Red (Special). A splendid beet for market or home use, of a deep color, tender and of delicate flavor

Dark Red Egyptian Crosby's (Special). The earliest beet in cultivation, color deep crimson; of excellent quality.



DETROIT DARK RED BEET

BEETS—Continued

Extra Early Eclipse. Very early, good size.

Early Blood Turnip. Standard early sort, an excellent variety.

Dewing's Blood Turnip. Of fine form and flavor.

Early Wonder. (See Specialties.) Globe shaped.

Long Smooth Blood Red. An excellent late variety.

Swiss Chard. Used for its leaves, which are cooked as spinach. (See page 27.)

Swiss Chard Lucullus. (See page 27.)

Any of the above varieties, 1 oz., 20c; ¼ lb., 50c; 1 lb., \$1.25.

MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

Special Price in Quantities

	1 oz.	¼ lb.	1 lb.
Mammoth Red Mangel-Wurzel. Producing roots of mammoth size, very regular, and with a small top.....	.15	.25	.75
Long Yellow Mangel-Wurzel. Good for general crop .....	.15	.20	.65
Giant White ½ Sugar Beet. Extensively grown for feeding stock and manufacture of sugar .....	.15	.25	.75

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable, but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing.

BORAGE

10 cents Pkt.

German, Borritsch; French, Bourrache; Spanish, Berraja.

Borage, used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower

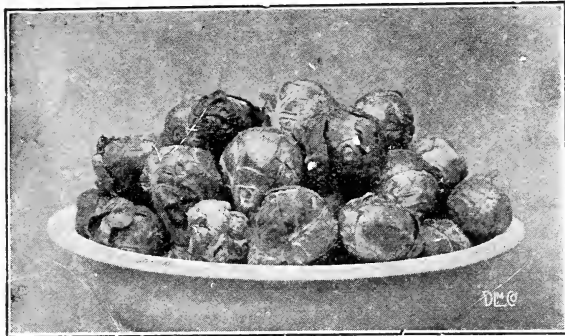
.35 .80 3.00

BROCCOLI

10 cents Pkt.

German, Spragel Kohl; French Chou Brocoli; Spanish, Brocoli.

Italian Green Calabrese. A delicious vegetable having the combined flavor of asparagus and cauliflower. Although extensively used in Europe, it is only recently that it has been served in the better hotels in this country. Requires the same treatment as cabbage. Pkt., 25c; ¼ oz., 75c; 1 oz., \$2.50.

BRUSSELS SPROUTS**10 cents Pkt.**

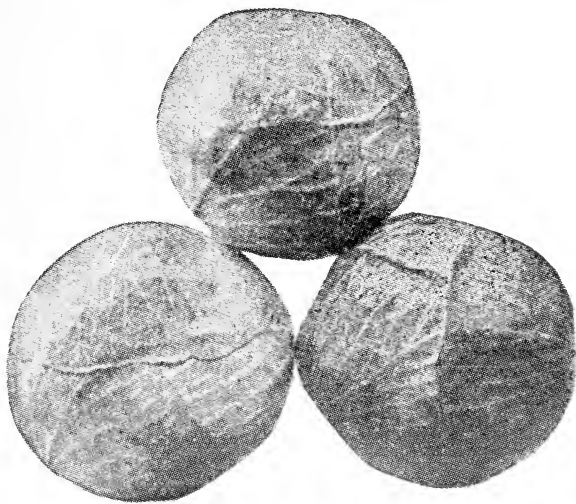
German, Sprossen-Kohl; French, Chou de Bruxelles; Spanish, Breza de Brussels.

Dalkeith Dwarf Improved, a variety producing compact sprouts of excellent quality. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

A tender, delicious vegetable. The plant froks two or three feet high, and produces from the sides of the stalks numerous little sprouts one or two inches in diameter, resembling cabbage. The leaves, which look like Savoy, should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate the cabbage.

CABBAGE**10 cents Package, except quoted otherwise.**

German, Kopfkohl; French, Chou; Spanish, Berza de Pepollo.

**COPENHAGEN MARKET**

All Head. The largest of the early cabbages. The head is roundish flat and remarkably solid; excellent for winter as well as early spring. All varieties of cabbage. 1 oz., 45c; ¼ lb., \$1.50, except listed.

Copenhagen Market. The finest, large, round-headed, early Cabbage; very solid and of fine quality; short-stemmed.

Enkhuizen Glory. Large, early, white, solid, ball shaped heads.

All Seasons, fine variety, for second early or late growing, good size.

Early Jersey Wakefield. The leading variety for market, very early, of medium size, good quality, sure to head.

Charleston Wakefield. Large strain of the above.

Early Flat Dutch. This is one of the best early cabbages in cultivation.

Henderson's Succession. A second early or late variety, a sure header; seeds sown in March produce large head in June.

Danish Round Head Short Stem. Large, round, solid, sweet and crisp, sure header.

Large Late Flat Dutch. The most popular variety for late cultivation.

Mammoth Red Rock. Used almost exclusively for pickling.

Drumhead Savoy (American). The largest heading sort, of excellent flavor.

Golden Acre. An early variety which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage. 1 oz., 75c; ¼ lb., \$2.25.

Chinese (Pe Tsai). 1 oz., .75c; ¼ lb., 2.25.

L. I. or Hudson Red. 1 oz., .25; ¼ lb., .855.

Earliest R. I. Red. 1 oz., .45; ¼ lb., 1.50.

For very early use plant in the autumn from 10th to 25th September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hot bed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

CARROT

5 Cents Package

Except Quoted Otherwise.

German, Mochern; French, Carotte.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as Celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.

All varieties of Carrots. 1 oz., 20c; ¼ lb., 65c.

Red-Cored Chantenay. A carrot with the shape and size and general characteristics of Chantenay. The core being the same color as the flesh, is inconspicuous, is tender and sweet, and does not look yellow in cooking.

Early Scarlet Horn. Old and favorite sort, much esteemed for early summer.

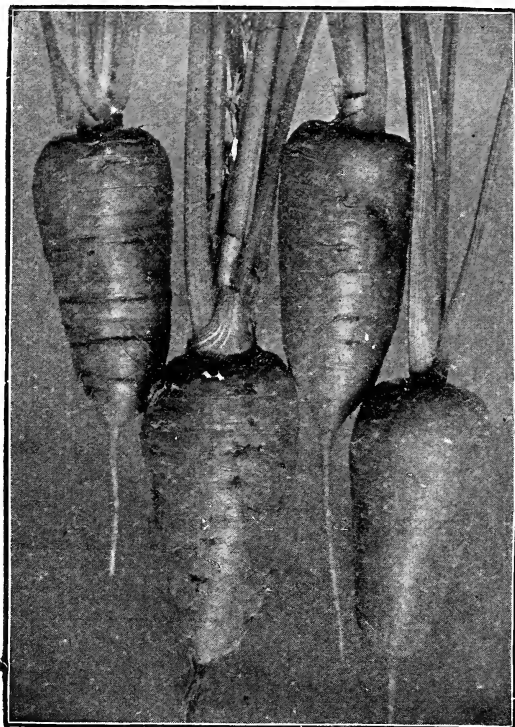
Half Long Danvers (Special). A variety intermediate in size and period of maturity between the preceding and the Long Orange.

Half Long Chantenay (Special). Like Nantes, broader shoulder.

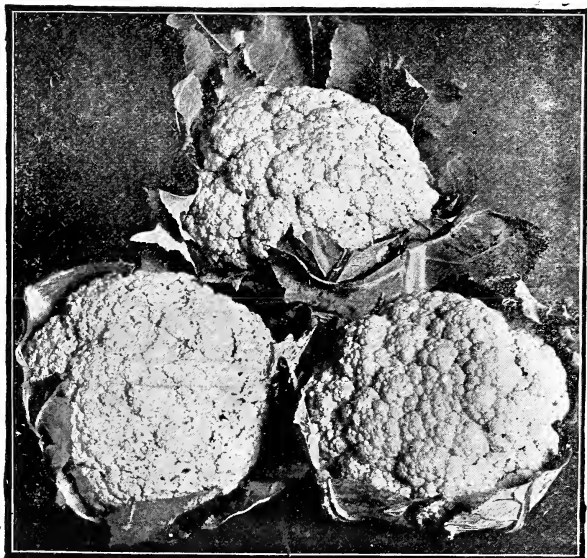
Half Long Stump Nantes.

Half Long Stump Guarande or Oxheart.

Long Orange Improved. Roots of large size, equally adapted for garden or farm culture.



DANVERS CARROT



EARLY SNOW BALL CAULIFLOWER

CARDOON

A vegetable that is grown somewhat like celery and served after the manner of asparagus. Sow in the open ground in May, and thin or transplant the seedlings so that they stand 2½ feet, one from the other, in rows 4 feet apart. A catch-crop such as beans, lettuce or beets may be taken between the rows. At the end of the summer, and two or three weeks before using, it is necessary to blanch the Cardoons. The heads of the plants are tied together, straw is piled against them, and the surrounding soil is then heaped up against the straw. Pkt., 10c; 1 oz., 35c.

CAULIFLOWER

German, Blumen-Kohl; French, Choufleur; Spanish, Coliflor.

Large Early Snowball. Best for forcing under glass or open ground. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; 1 oz., \$3.00.

Early London. Pkt., 15c; 1 oz., \$1.00; ¼ lb., \$3.00.

Denmark, Special Large Late. Very fine variety, large white, compact heads, the space necessary between plants is greater than other varieties. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; 1 oz., \$3.00.

Danish Giant or Dry Weather. ¼ oz., \$1.00; ½ oz., \$1.75; 1 oz., \$3.00.

Early Snow Ball (Catskill). The finest strain of Snow Ball Cauliflower. Very early ¼ oz., \$1.50; ½ oz., \$2.50.

CAULIFLOWER—Continued

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

CELERY

10 cents Package, except quoted otherwise.

German, Celeri; French, Celeri; Spanish, Apih.

Golden King. Grows about 24 to 26 inches high, long jointed—8 to 9 inches to the joint. Long rib, good heart, faster grower, making a very desirable strain for an extra early crop. It blanches in 10 to 12 days. Pkt., 25c; 1 oz., \$2.00; ¼ lb., \$7.00.

Golden Self-Blanching. American Strain. Very choice. Standard early variety Pkt. 10 cents

Oz.	¼ lb.	1 lb.
.65	2.25	6.00

Giant Pascal. Stalks very large, thick and crisp.....

.40	1.10	3.50
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Golden Self-Blanching. French Strain. Similar to White Plume; much larger in growth. Solid best variety in market.Pkt. 15 cents

.90	3.50	8.00
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White Plume. Requires very little banking.....

.35	1.00	3.50
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Dwarf White, Soup Celery. An imported variety of fine flavor; soup greens

.25	.75	
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Golden Phenomenal. The plants are heavy, compact and full hearted. The stems are broad and thick, brittle and free from strings, of fine flavor and of excellent quality all through. In other words, this is Golden Plume with all the good qualities of Golden Plume but in addition is taller with longer edible stems.....

2.00	7.00	25.00
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Easy Blanching. A green celery, valuable for winter trenching. Blanches white, having fine nutty flavor. 1 oz., 40c; ¼ lb., \$1.10.

Winter Queen. A late variety of medium height, with thick, solid stalks which blanch a creamy white color and keep well. 1 oz., 40c; ¼ lb., \$1.10.

**CELERIC
KNOB-CELERY**

10 cents Pkt.

German, Knob-Celeri;

French, Celri Rave.

Giant Prague. For soups, etc. When sliced and cooked makes good winter salad. 1 oz., 35c; ¼ lb., \$1.00.

The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to press the soil over the seed. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

CHERVIL

Package 10 Cents

German, Bisenlauch; French, Cerfeuil;
Spanish, Cerafolio.

Curled.....1 oz. 25c; ¼ lb., 75c; 1 lb., \$2.50

The young leaves are used in soups and salads. Sow thinly in May, in drills of an inch deep, one foot apart.



CELERY

Pkt. 10 Cents

CHICORY

Pkt. 10 Cents

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Oz. ¼ lb.

Common. This variety produces the "Barbe de Capucin" a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots of which will come up soon from the "Barbe de Capucin"

.25 .75

Large Rooted. Used to mix with or a substitute for coffee. The young leaves sprouted from year old roots are excellent as a salad

.25 .60

Witlof or French Endive. Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the air and light.

.25 .75

CRESS

German, Kress; French, Cresson; Spanish, Masturoz.

Pkt. Per oz. ¼ lb

Curled Cress or Peppergrass

.10 .15 .40

Water Cress

.10 .55 1.75



WHITLOOF
CHICORY

Are excellent for small sarads; the leaves, while young, have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as mustard.

Pkt. 5 Cents

CORN SALAD OR FETTICUS

Pkt. 5 Cents

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla.

Large Seeded 1 oz., 25c; ¼ lb., 75c

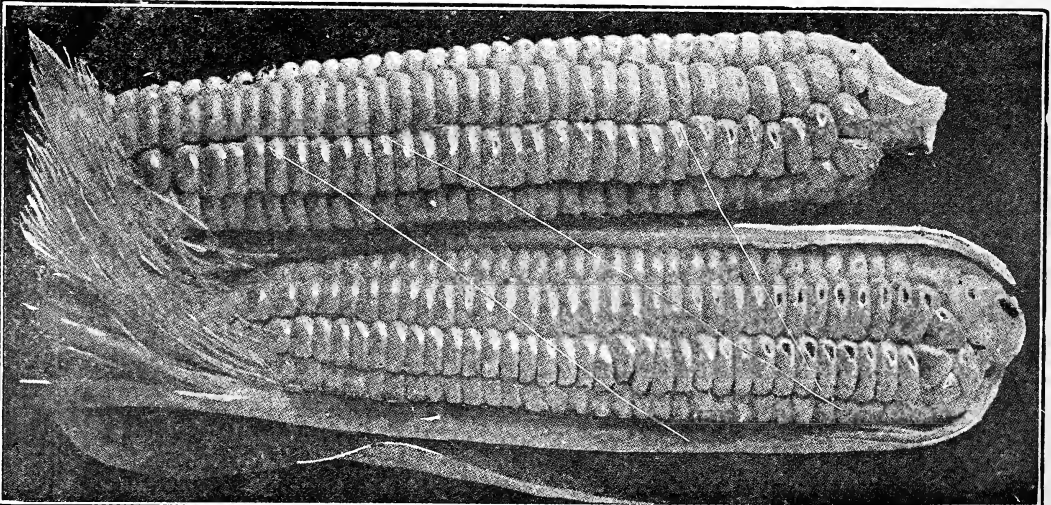
Corn Salad, Feticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight week from the time of sowing. If wanted to come out early in spring, it is sown in September, cover up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.



CORN—Sweet

Pkt. 10 Cents

German, Zuker, Welshkorn; French, Mais de sucre; Spanish, Maiz de Azucar.



CORN—Continued

EXTRA EARLY VARIETIES

	1 lb.	5 lb.
Golden Rod Early Yellow. Very sweet.....	.45	1.50
Golden Bantam Extra Early. Yellow, very sweet and tender .....	.45	1.50
Early White Cory. Earliest grown, fit for use 60 days after planting.	.45	1.50
Very sweet, good size, white cobs.....	.45	1.50
Surprise Early. White .....	.45	1.50
Whipple's Early Yellow—70 Days. A meritorious new yellow sweet Corn.		
Stalks 6 feet or more in height. Ears 12 to 16 rowed 7 to 8 inches in		
length. Matures a few days before Golden Bantam .....	.45	1.50
Spanish Gold Early. A new variety of sweet corn, ripens early, produces		
many good sized ears and among the first to give marketable ears which		
are well filled to the tips with 10 to 12 straight rows of bright yellow		
kernels .....	.65	3.00

SECOND EARLY OR INTERMEDIATE

Golden Evergreen. Yellow .....	.45	1.50
Early Champion. Large ears, very sweet and productive. The earliest		
large sort grown and fine for either home or market use .....	.45	1.50
Long Island Beauty Early. Excellent, medium early, large size, sweet.....	.45	1.50
Early Mammoth. Large second early .....	.45	1.50

GENERAL CROP AND LATE

Stowell's Evergreen. A large variety, of excellent quality, remaining longer		
in the green state than any other; general crop .....	.45	1.50
Evergreen, Bantam—80 Days. A second early, one of the latest introduc-		
tions to the Sugar Corn family. Some think it will take the place of the		
famous Stowell's Evergreen. Height of stalk 7½ to 8 feet, ears thick,		
7 to 8 inches long .....	.45	1.50
Mammoth Sugar. A late variety of large size, very sweet and immensely pro-		
ductive. A leading variety.....	.45	1.50
Country Gentleman. The sweetest and most tender of all sweet corn, late		
crop .....	.45	1.50
Sweet Fodder. For ensilage	Price on Application	

FIELD CORN

Castodon Dent. Very early, strong growing.....	Dent Varieties	}	Price on Application		
Leaming Yellow. (Dent) early.....					
Early Canada. Yellow kernels.....	Flint Varieties	}	Price on Application		
Large Yellow Flint					
Large White Flint					
Southern Horse Tooth. For fodder	}				
Eureka White Dent, for ensilage, 12 to 14 rows, one of the best ensilage varieties, the fodder growing up to 17 feet, in some places matures in 120 to 130 days				}	

CUCUMBERS

10 cents Pkt.

All varieties of Cucumbers, 1 oz., 20c; ¼ lb., 65c.

Early Fortune. Very early and productive. Uniform size. Good shipper.

Forhook Pickling. Prolific, medium size, skin thick.

Davis Perfect. For forcing or outdoors, long and straight, valuable for slicing.

Cool and Crisp. Very prolific; good for pickling and productive.

Japanese Climbing. Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor.

Nichols Medium Green. A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green; fresh, tender and crisp.

Arlington White Spine. Fine either for forcing or for outdoors.

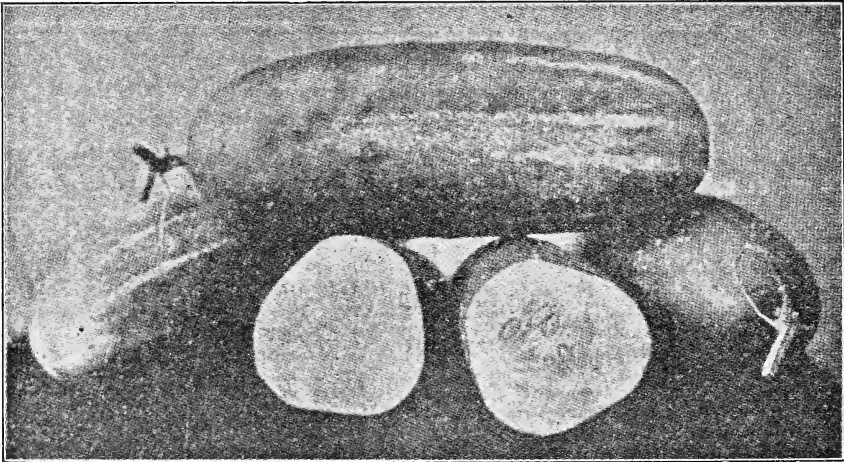
Early Green Cluster. A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer.

Long Green. A very excellent variety; a good bearer; about a foot in length, rather pointed at both ends; dark green, firm and crisp.

Green Prolific Pickling. Very prolific; and said by those who have tested it equally desirable as a market Cucumber.

West Indian Gherkin or Burr. A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender.

Clark's Special (Long Green). Very productive, disease resistant.



Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

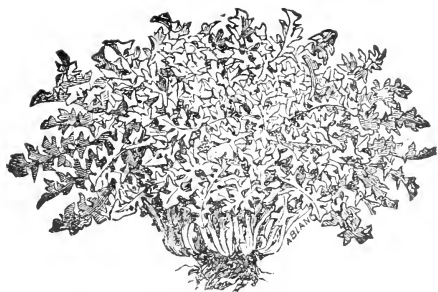
DANDELION

15 Cents Pkt.

German, Pardelblume; French, Pisseulit; Spanish, Armagon.

Cultivated or French Common. A decided improvement on the wild dandelion. It is very early and vigorous. 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.

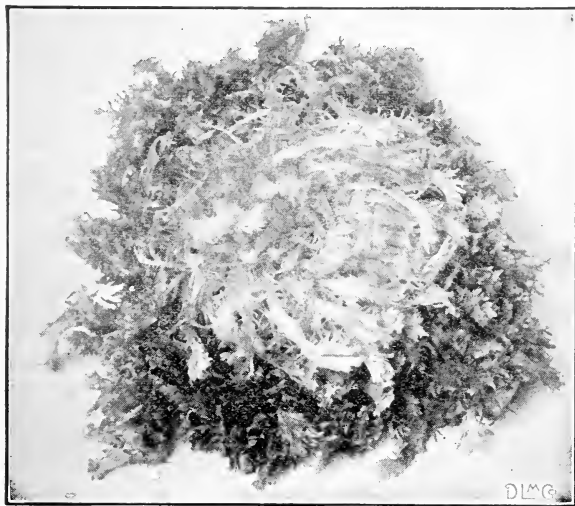
Improved Thick Leaved. Unsurpassed in thickness of leaf and deep green color. It is compact and forms an upright regular tuft at the center. This cabbaging sort is much superior to the common or uncultivated dandelion. 1 oz., \$1.00; 2 oz., \$1.60; ¼ lb., \$2.75.



DANDELION

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

ENDIVE



ENDIVE

All 5 Cents Pkt.

German, Endevien; French, Chicoree; Spanish, Endivia.

Green Curled Winter. German, Endevien; French, Chicoree; Spanish Endivia. Very hardy; leaves dark green, tender and crisp. 1 oz., 25c; ¼ lb., 65c.

Broad Leaved Batavia. (Escarolle). Chiefly used in soups and stews; requires to be tied up for blanching. 1 oz., 25c; ¼ lb., 65c.

Early White Curled. (Self-blanching.) The best variety; grows to large size; very large and tender. 1 oz., 25c; ¼ lb., 65c.

Full Golden Heart. (Escarolle.) For Fall Planting. 1 oz., 25c; ¼ lb., 65c.

EGG PLANT

All 10 Cents Pkt.

German, Eier Pflanz; French, Aubergine; Spanish, Bereinfiena

New York Improved. Superior market variety 1 oz. ¼ lb.
of large size and fine variety..... .65 1.75

Black Beauty Tendage. Earlier than New York.
Improved and as large; purplish black..... .65 1.75

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

KALE

Pkt. 10 Cents, except where noted.

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

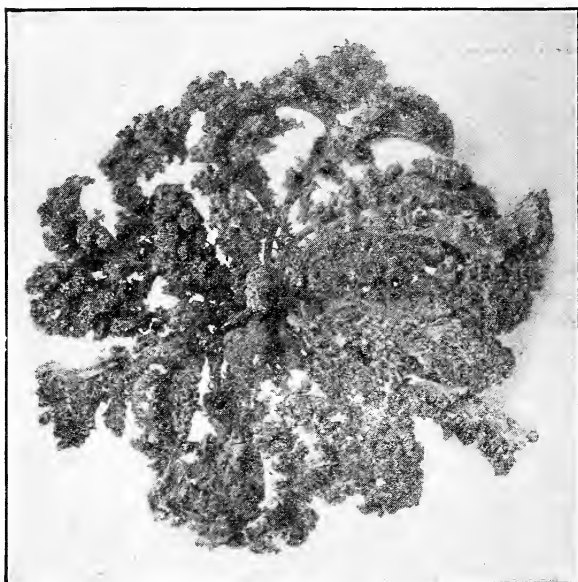
Siberian German Green or "Sproute."

This variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring. 1 oz., 25c; $\frac{1}{4}$ lb., 65c.

Dwarf Green Curled Scotch. Beautifully fringed dwarf growing kind with bright green leaves. 1 oz., 25c; $\frac{1}{4}$ lb., 65c.

Tall Green Curled Scotch. Tall growing, very hardy variety, leaves a bright green, beautiful curled. 1 oz., 25c; $\frac{1}{4}$ lb., 65c.

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.



KALE

KOHL-RABI

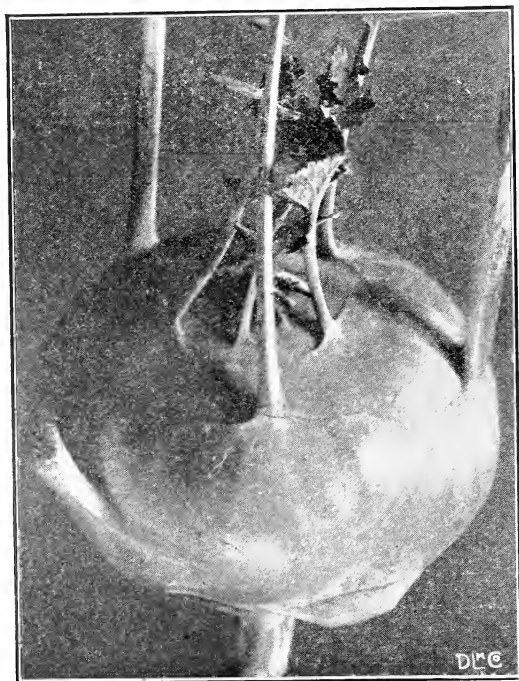
Pkt. 10 Cents

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Early White Vienna. Flesh white and tender; best market sort; good for table use. 1 oz., 25c; $\frac{1}{4}$ lb., 75c.

Early Purple Vienna. Differing from the above in color, which is of a bluish purple. 1 oz., 25c; $\frac{1}{4}$ lb., 75c.

Kohl-Rabi or Turnip stemmed cabbage, is a vegetable that is not so much cultivated as it deserves to be. The stem above the ground swells into a bulb, somewhat resembling a turnip; this again is covered with leaves. The edible part is the bulb which is dressed and served like turnip, is very delicate and tender when young. It is very hardy, withstands severe drought and is a good keeper. Cultivate the same as cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.



KOHL-RABI

LEEK

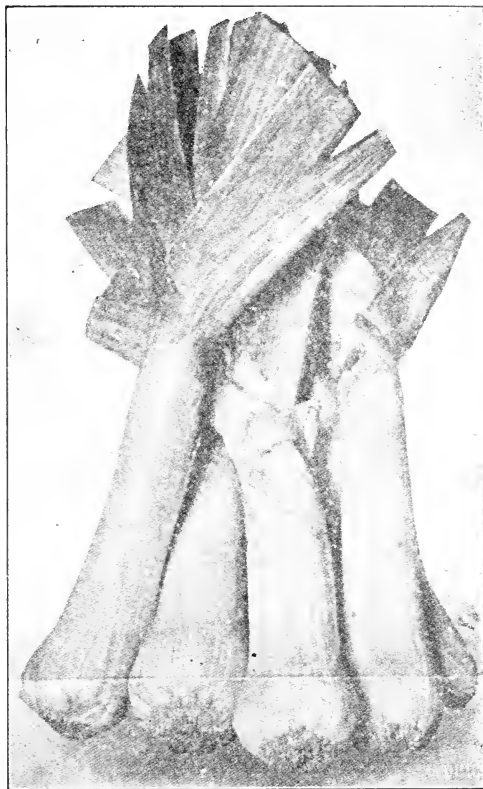
Pkt. 5 Cents

German, Lauch; French, Poireau;

Spanish, Puerro.

	1 oz.	¼ lb.
Large American Flag.		
The kind mostly grown for market .....	.25	.75
Giant Musselburg , producing fan-shaped foliage; quite a strong grower, and a desirable market variety.....	.25	.75
Large Rouen. Very large and fine .....	.25	.75

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practical, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich



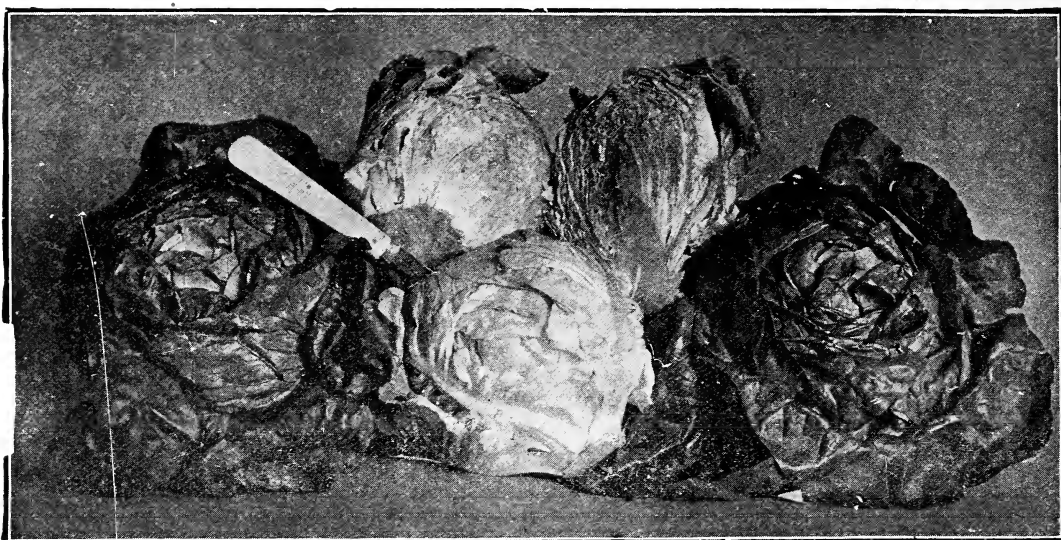
LEEK

LETTUCE

Pkt. 10 Cents

German, Laitick; French, Laitue; Spanish, Lechuga.

Paris White Cos, Trianon or Romaine—55 Days. White Seed. This variety, maturing for table in eight weeks from germination, should be found in every vegetable garden as it is a thoroughly reliable Lettuce. A strong grower and very productive with long, shell-shaped leaves of most excellent quality. It is a self-folder, but when the plant is over half grown, it is best tied up with a soft string or a wisp of grass that the inner leaves may be blanched perfectly white, in which condition they are more crisp and decidedly more palatable than varieties of a Cabbage-heading habit. It is a mystery why it does not displace them, especially as a given amount of ground will produce more than twice the amount of edible leaves that can possibly be obtained from any round-head. 1 oz., 25c; ¼ lb., 75c.



MAY KING LETTUCE

German, Laitick; French, Laitue; Spanish, Lechuga.

	1 oz.	¼ lb.
Special Big Boston W. S. Extra Select. Heads creamy white whether grown in open garden or under glass. Very large, slightly tinged with reddish brown, solid and uniform. White Seed. Seed saved from a selection better than that producing the ordinary stock of Seed. It has a high reputation in the market-gardening sections. The most generally used variety. We advise all to plant this excellent strain of Big Boston .....	.25	.75
New York or Wonderful. Round Solid Head. Heat resisting. Grows larger than Iceberg and matures 10 days earlier.....	.25	.75
May King Lettuce. Very early, sure header, solid, good flavor .....	.25	.75
Big Boston. Similar to Boston Market, double this size. Selected.....	.25	.75
Early Curled Simpson. Very early and an excellent sort for forcing; is largely grown by the market gardeners.....	.25	.75
Salamander Head. Fine compact head, resists heat .....	.25	.75
Black-Seeded Butter. Fine market strain .....	.25	.75
Large White Cabbage. Excellent for summer; heads of good size .....	.25	.75
Black-Seeded Simpson. Stands the summer well.....	.25	.75
Shotwell's Brown Head. Large and handsome; heads hardy; standing summer heat without injury .....	.25	.75
Boston Market. Large solid heads, very fine for forcing, and of fine flavor.....	.25	.75
Iceberg Favorite Summer Lettuce. Heat resisting. Very crisp, strong center ribs which bend toward center of plant, keeping it thoroughly blanched.....	.25	.75
Unrivaed. An improvement on the White-seeded Big Boston, forming very solid, large, pale green heads without the reddish brown tinge, and of excellent quality. Forms a head in six weeks; at least ten days earlier than the regular Big Boston. May be sown all through the year and stands heat remarkably well. Is crisp, tender, and solid .....	.25	.75

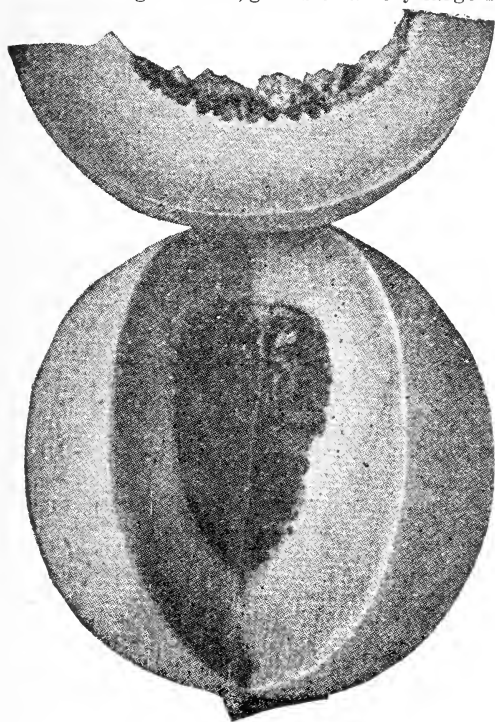
Lettuce is the most popular of all salads. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and May King under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

MELON, MUSK

Package 10 Cents

German, Melone; French, Melon; Spanish, Melon Muscatel.

	1 oz.	¼ lb.
Hearts of Gold. A selection from Hoo Doo, this melon runs very uniform in size. It is a splended variety and is increasing in use.....	.25	.75
Tip Top. This kind cannot be excelled for its eating qualities. The flesh is a bright salmon color, remarkably thick, sweet and spicy. It varies from round to slight oblong and with a green skin turning to a lemon color as it approaches maturity.....	.25	.75
Honey Dew. Large, round, delicious rich green flesh .....	.25	.75
Paul Rose. Handsome, oval, orange flesh, sweet.....	.25	.75
Long Island Beauty. Similar to Hackensack; very early .....	.25	.75
Miller's Cream or Osage. Flesh and salmon color and very thick.....	.25	.75
Hackensack. Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor .....	.25	.75



HONEY DEW MELON

Long Yellow Cantaloupe. Yellow flesh, suitable for the market .....	.25	.75
Rocky Ford. Very sweet; spicy flavored, small and oblong. most popular sort .....	.25	.75
Montreal Market. A very large green "Nutmeg" type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates .....	.25	.75

Melons thrive best in a moderately enriched live soil; the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerous thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

MELON, WATER

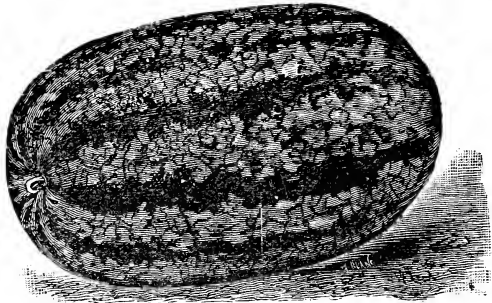
Package 10 Cents

German, Wassermelone; French, Melon d'Eau; Spanish, Zaudia.

	1 oz.	¼ lb.
Tom Watson. Long and 8 to 10-in. diameter. Thin rind, crisp flesh, fine flavor .....	.20	.60
Pride of Georgia. Dark green, oval in shape; crisp and sweet; very large rind thin; flesh scarlet; solid, very sweet and delicious .....	.20	.60
Phinney's Early. Flesh deep red, of a very superior quality; a valuable early market variety .....	.20	.60
Ice Cream. (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent .....	.20	.60
Kleckley's Sweets. Vines vigorous and productive; fruits are medium to large, oblong, tapering slightly toward the stem end; dark green. The flesh is very bright, rich red and exceedingly sweet, crisp, and tender. Combines earliness, size and quality.....	.20	.60
Cole's Early. Early variety suitable for home market, but on account of its thin rind is not a good shipping melon. Medium size, skin dark green with light stripes; flesh, rich, dark red; luscious and sweet.....	.20	.60

MELON, WATER—Continued

Mammoth Iron Clad. Long and large; thin skin, deep red flesh	1 oz.	¼ lb.
	.20	.60



IRON CLAD

Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves20	.60
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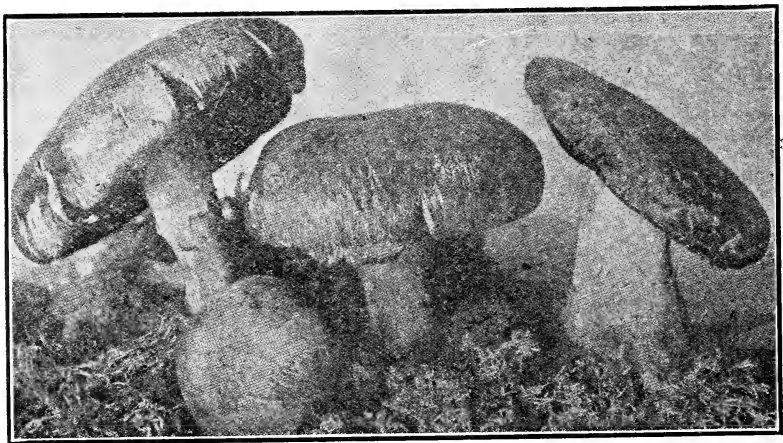
Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo.

American Spawn Bricks.....	Per brick, 35c; 10 bricks, \$2.50; 25 bricks, \$5.50
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Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.



MUSHROOMS

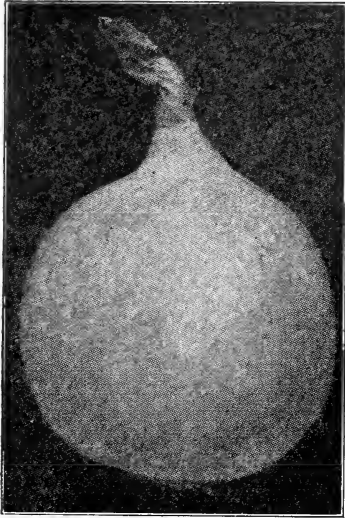
Prepare the mixture of loam and manure, making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact and at the expiration of a week or ten days spawn will have thoroughly diffused

itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees. One brick to each 10 square feet.

ONION

Package 10 Cents

German, Zweibel; French, Oignon; Spanish, Cebolia.



Yellow Globe Prize Taker, 90 days.

	1 oz.	¼ lb.
Early Red Flat. About ten days earlier than the Large Red, and not quite so large	.35	1.25
Large Red Wethersfield. The staple variety of the Eastern onion growers; of large size, deep in color, a good keeper.....	.35	1.25
Southport Red Globe. Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular.....	.35	1.25
Yellow Globe Danvers. An excellent variety, mild and very productive; ripens early and a good keeper.....	.35	1.25
White Portugal or Silver Skin. A handsome onion of mild flavor; extensively grown for pickling .....	.35	1.25
Southport White Globe. Form nearly ovoid symmetrical, keeps well, is an excellent variety .....	.35	1.25
Southport Yellow Globe. As above except color .....	.35	1.25
White Welsh (Hardy). A very hardy sort which is used as a bunch onion. Seed should be sown in spring or early summer. They will then make fine thick stalks for the following spring. Seed can be sown in August, but it is not as satisfactory. It produces a large white stalk, but does not make a bulb .....	.35	1.25
Prizetaker. Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from 2 to 3 pounds each; its pure white flesh is fine-grained, mild and delicate in flavor.....	.35	1.25
Barletta Onion is a white small type, semi-flat and is grown largely for pickling purposes. As it is medium early, it could be also used for an early garden .....	.40	1.15

The onion thrives in a rather strong deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commerce operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

ONION SETS

White Onion Sets	} Price on Application	Potato Onions	} Price on Application
Yellow Onion Sets		Shallots	
Red Onion Sets		Red Top Onions	

OKRA OR GUMBO

Package 10 Cents

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



	1 oz.	¼ lb.
Long Green. Fine long pods, very good .....	.20	.50

The pods in a young state are used in soups, sauces and stews, and are very wholeome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

PARSNIPS

Package 10 Cents

German, Pastinake; French, Panais;
Spanish, Chirivia.

	1 oz.	¼ lb.
Long Smooth or Hollow Crown.		
Long roots .....	.15	.40

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

PARSLEY

Package 5 Cents

LONG GREEN OKRA

German, Petersilie; French, Persil; Spanish, Perjil.

	1 oz.	¼ lb.
Extra Double Curled. A fine dwarf variety excellent for garnishing .....	.15	.45
Plain Leaves. Hardier than the curled variety.....	.15	.45
Hamburg, or Rooted. Edible roots .....	.15	.45

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hour in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.

PEAS

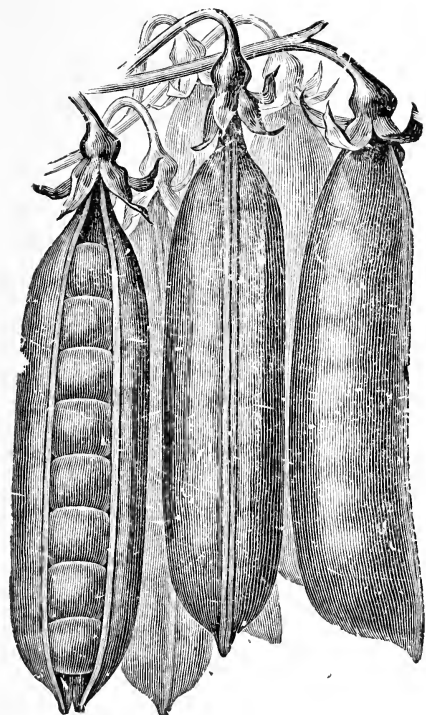
Package 10 Cents

German, Erbsen; French Pois; Spanish, Guisantes.

Extra Early Varieties

	1 lb.	2 lb.
World Record. Among early main-crop Peas of medium height, Gradus, or Prosperity, takes first place; happily named, indeed, on account of its high yield and superb flavor. In World's Record these points are more than maintained; the yield is as high and the quality, if anything, is enhanced. The great point in favor of the new sort is its earliness, the period from seed to maturity being less by a week than the standard Gradus .....	.40	.75
Laxtonian. Dwarf early wrinkled. Very prolific, large pods height 1½ ft. Gradus or Prosperity. Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large peas and pods, splendid flavor. Requires no sticks, reaching only 36 inches in ordinary good soil. Height, 3 feet.....	.40	.75
Thomas Laxton. A cross between Gradus and one of the extra early sorts. Ripens with a day or two of the earliest round varieties; very productive. The pods are large and contain 7 or 8 large wrinkled Peas of the finest flavor .....	.40	.75

PEAS—Continued



	1 lb.	2 lb.
Nott's Excelsior. Extra dwarf wrinkled pods larger than American Wonder, 1 foot.....	.40	.75
Alaska. Earliest of all .....	.40	.75
First and Best. One of the best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	.40	.75
Little Gem. A dwarf green wrinkled Market, very prolific of superior flavor, and a first early, 1½ feet .....	.40	.75
SECOND EARLY VARIETIES		
Everbearing. Good sized pea, long pods, height 2½ feet.....	.40	.75
Pride of the Market. Very large pods, green peas, sow thin, height 2 feet .....	.40	.75
Dwarf Telephone. Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and sweet .....	.40	.75

GENERAL CROP

Champion of England. A popular wrinkled variety of delicious flavor, profuse bearer. Peas are very large, tender, height 5 feet .....	.40	.75
Telephone. This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet .....	.40	.75
Dwarf, Sugar. Edible pods .....	.40	.75

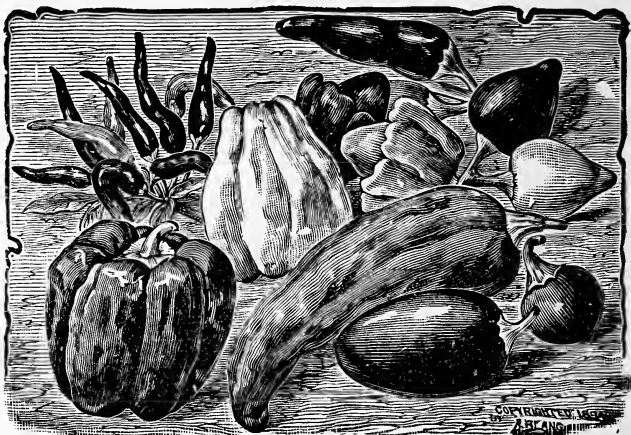
When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart, according to the variety. When grown in small quantities for private use they are sown in double rows 6 or 8 inches apart and the rows 3 feet apart, the tall varieties staked up by brush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

PEPPER

Package 10 Cents

German, Pfeffer; French, Piment; Spanish, Pimento.

California Wonder. S. An exceedingly large and showy variety. It somewhat resembles the Chinese Giant in size and shape, but the walls are much thicker, making the pepper heavier and firmer than any other sort. The flesh is sweet, and quite mild. Pkt., 10c; 1 oz., 75c; $\frac{1}{4}$ lb., \$2.00; 1 lb., \$7.50.



PEPPERS

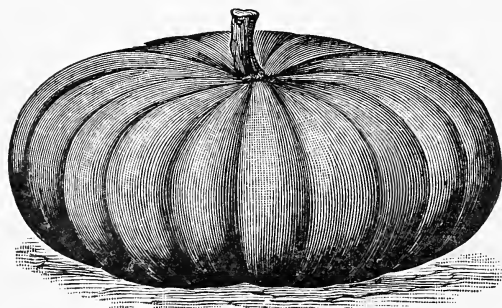
H-Hot—S-Sweet

Crimson Giant or Ohio Crimson—S—130 Days. Similar to the Ruby King, but broader, longer and deeper fruited like Chinese Giant, a monster about $4\frac{1}{2}$ inches long by 4 inches wide, but not so large as Chinese Giant. Vines strong, dark, large leaved, very productive in fruit, frequently bear 7 to 8 fruit at once and covered by a succession of smaller fruit. Sold by many as Chinese Giant.	1 oz.	$\frac{1}{4}$ lb.
Ruby King. S. Very large; bright red.	.75	2.25
Large Bell or Bull Nose. S. An early variety of mild flavor	.75	2.25
Sweet Mountain or Mammoth. S. Of large size, best for mangoes	.75	2.25
Chinese Giant. S. Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer	.75	2.25
Long Red Cayenne. H. Used for Pepper sauces; very pungent	.75	2.25
Chili. H. Very piquant and prolific, fruit conical, bright scarlet	.75	2.25
Hot Mango Pepper. H. Very Hot, best for Pepper Sauce and Pickling	.75	2.25
The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.		

PUMPKIN

Package 10 Cents

German, Kuerbis; French, Courge;
Spanish, Calabaz a Tetanera.



CHEESE PUMPKIN

Calhoun. Flesh wonderfully thick, fine grained	1 oz.	$\frac{1}{4}$ lb.
	.20	.65
Cheese Pumpkin. This is an unusually fine strain grown exclusively for the most critical trade. A very large, flat ribbed fruit, of a beautiful, buff yellow color; the interior is of fine quality	.25	.75
Connecticut Field. Very productive, largely grown for feeding stock	.20	.75
Mammoth Tours. Grows to an immense size	.20	.75
Early Sugar. Fruits medium size, of excellent keeping quality. Flesh very sweet	.20	.75
These are usually in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.		

RADISH

5 Cents Package

German, Retting; French Radis; Spanish, Robanitos.

Special price to Market Gardeners in quantity lots.

Get our Market Gardeners Price List

	1 oz.	¼ lb.
Early Scarlet Globe. The standard market radish. Our strain is unsurpassed for earliness; rich color and uniform shape.....	.20	.50
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young .....	.20	.50
Early Scarlet Turnip. (Forcing) variety, maturing in three weeks .....	.20	.50
Early Scarlet Turnip. White tipped. A beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners .....	.20	.50
French Breakfast. Of quick growth, very mild and tender, of oval form; color scarlet tipped with white .....	.20	.50
Long Scarlet. One of the leading kinds.....	.20	.50
Rose China Winter. Flesh firm and piquant; excellent for winter use.....	.20	.50
White Summer Turnip. A summer variety of mild flavor .....	.20	.50
Black Spanish Winter. Long, one of the hardiest and best for winter use.....	.20	.50
Half Long Black Spanish .....	.20	.50
Black Spanish. Round .....	.20	.50
White Strasburg. Very large German sort.....	.20	.50
Iceicle. Long, pure white, suitable for forcing.....	.20	.50

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity and with proper care can be kept all winter. The Summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in high, rich soil. For a successful supply, sow from the middle of March until September, at interval of two or three weeks. For an early supply they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

RAPE

Italia Broccoli Rape40	1.50
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SORREL

10 Cents Package

Large Leaved French. The best garden variety, having large pale green leaves of fine quality, resembling spinach. only not so broad. Perfectly hardy, can be cut five or six times.....	.15	.50
Fine Leaved Sorrel. Has an upstanding plant with long slender leaves of medium green; it is more attractive and daintier in appearance than the more commonly known Thick Leaved Sorrel. This can also be planted in the fall for use the following summer .....	.30	1.00

SPINACH

5 Cents Package

German, Spinat; French, Epinard; Spanish, Espinaca.

Special price on lots of 5, 10 and 25 lbs.

	1 oz.	¼ lb.
Gaudetlay, Broadleaved (New). A new Smoothleaf Spinach which we consider superior to any smoothleaf variety of that type. It grows very quickly and yet stands 7 to 10 days longer than Viroflay and other smoothleaf types. The leaves are very thick and of a tremendous size..	.10	.25

SPINACH—Continued

Long Standing, Round Leaved. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

Large Viroflay. A new variety, with leaves much larger and thicker than the old variety. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

Bloomsdale Savoy Leaved. A large, curled, thick leaved variety, the market gardener's favorite. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

Savoy Leaved New Long Standing. In offering this new variety, we do it with confidence that it will prove a favorite among growers who grow the Savoy Leaved. It matures during the same season as Bloomsdale or Norfolk Savoy, but stands about two week longer before bolting to seed, which is its feature. The plants are well crumpled and a good deep green color. Valuable for early use. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

Virginia Savoy Yellows or Mosaic Disease Resistant. A variety originated by the Virginia Truck Experiment Station, a cross between Resistant Bloomsdale Savoy and Manchurian. This is a cool weather variety, for winter in the South and fall in the North. The leaves have markedly the Savoy characteristics. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

New Zealand. Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

King of Denmark Spinach. Large flat tufts. Early. Good keeper. Will stand 2 to 3 weeks longer than the very best long standing variety. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

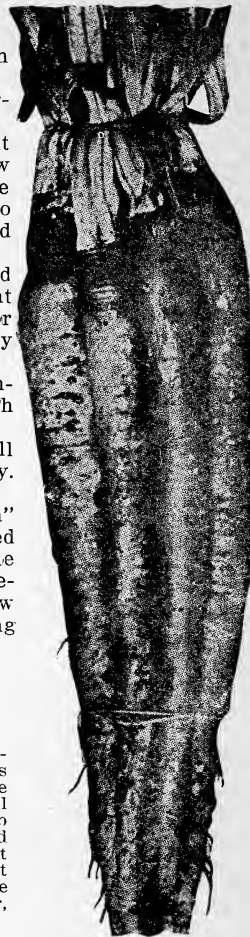
New Spinach (Princess Juliana). This is a new type of "Long Season" Spinach. The leaves are of good size, very dark green, well crumpled and thick. The first plants of Spinach to bolt to seed are the male plants. (Spinach is generally dioecious, i.e.: these are male and female plants.) This first bolting seed has been eliminated in this new race by the production of hermaphrodite plants, these plants seeding much later than male plants. 1 oz., 10c; $\frac{1}{4}$ lb., 25c.

SALSIFY, OR OYSTER PLANT**Package 10 Cents**

German, Rocksbart; French, Salsifis; Spanish, Salsifi.

Mammoth Sandwich Island. 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00.

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.

**SQUASH—Package 10 Cents**

Giant Yellow Summer Straight Neck. A selection from the Giant Yellow Summer Crook Neck Squash with all the good qualities of the former and none of its defects. There will be found in the new strain a small percentage that are not Crook Necks or Giant. The squashes are a deep orange color, heavily warted and when mature measure from 15 to 18 inches in length. The flesh is thicker and more meaty in the neck than in the Crook Neck variety. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Hubbard. The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor. Green. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Neapolitan Squash grows very long and slender, quite heavily curved, often scimitar in shape. The color is light green with smooth surface. It runs three to four inches in diameter, in fact this Squash reminds one of an eel. 1 oz., 75c; 4 oz., \$2.75.

Mammoth Summer Crookneck. Twice size of Summer Crookneck. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Early Golden Bush Scalloped. True bush growth producing fruit ready for use early in the summer. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Early White Bush Scalloped. A white variety of the above. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Boston Marrow. A very valuable medium early variety, an excellent keeper and of superior quality. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

Golden Hubbard. The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor. 1 oz., 20c; $\frac{1}{4}$ lb., 60c.

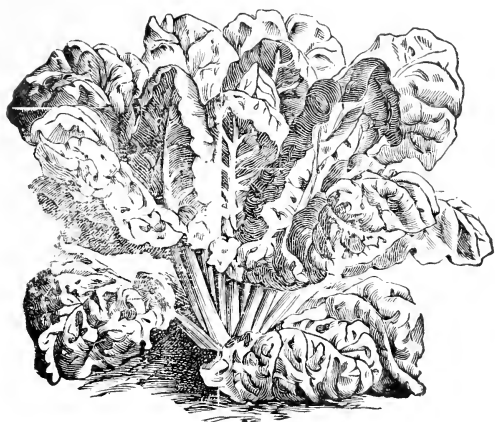
SQUASH—Continued

	1 oz.	¼ lb.
Mammoth Chili. Grows to a large size, often weighing two hundred pounds. Excellent for stock .....	.20	.60
Vegetable Marrow. A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor.....	.20	.60
Italian (Cocozella di Napoli). Grows 20 inches long with diameter of 3 or inches. Green or Marbled Yellow .....	.20	.60

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and the flesh are young and tender. The Winter varieties are kept on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

SWISS CHARD OR SILVER BEET

5 Cents Package



SWISS CHARD

Silver Leaf. This is a Beet producing leaves only of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. 1 oz., 15c; ¼ lb., 45c.

Giant Lucullus. Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs. 1 oz., 15c; ¼ lb., 45c.

TOMATO

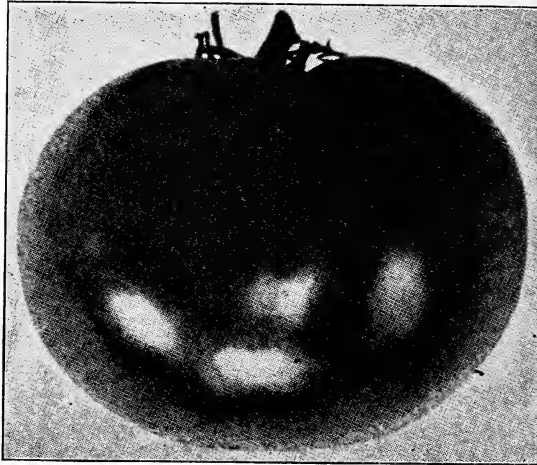
10 Cents Package

German, Liebesapfel; French, Tomato; Spanish, Tomata.

	1 oz.	¼ lb.
Break O'Day. An early blight resistant Tomato introduced by Dr. Fred J. Pritchard of the United States Department of Agriculture by crossing Marvana and Marglobe. It possesses the small leafed open spreading type foliage of the Earliana, and produces smooth, mealy, globular red fruit similar to the Marglobe but larger.....Pkt. 15c.	1.00	3.50
I. X. L. .....	.50	1.50
John Baer. Earliest tomato grown .....	.50	1.50
Earliana, Extra Early. Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	.50	1.50
Favorite. Large, smooth, productive, very solid and of fine flavor. A good shipper .....	.50	1.50
Chalks Early Jewel. Extra early, large, smooth, tough skin, brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety.....	.50	1.50
Livingston's Beauty. Large dark crimson, thick skin .....	.50	1.50
Dwarf Champion. Resembles Acme, early .....	.50	1.50
Acme. A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato.....	.50	1.50
Matchless. Extra large, smooth and handsome; bright red; very solid. Plant of vigorous growth and prolific.....	.50	1.50
Bonny Best. Early tomato, large, smooth, uniform .....	.50	1.50
Marglobe. A new variety developed by the United States Department of Agriculture. Is very wilt resistant and is resistant to nail head rust. Fruit resembles Livingston's Globe but is scarlet and the flesh more solid. Vine dark green and vigorous.....	.75	2.00

TOMATO—Continued

Yellow Plum. Used principally for pickling.....	1 oz.
	.50
Red Pear Shape. Used principally for preserving and pickling .....	.50
	.50



EARLIANA TOMATO

The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

TURNIP

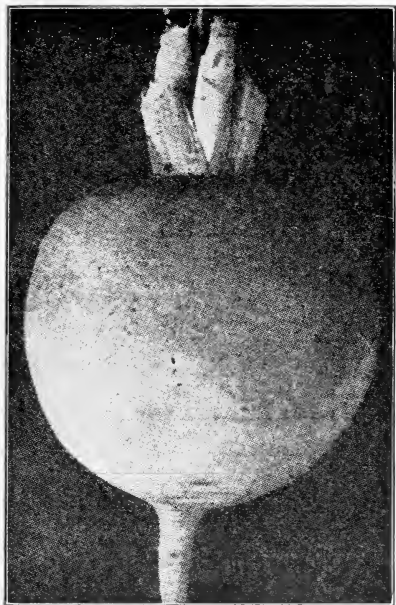
10 Cents Package

German, Rube; French, Navet; Spanish, Nabo.

	1 oz.	¼ lb.
Early White Flat Dutch. An early garden variety of medium variety size.....	.20	.50
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture.....	.20	.50
Red Top White Globe. Very desirable, extensively grown for market.....	.20	.50
White Egg. A new variety, beautifully shaped; excellent table turnip .....	.20	.50
Yellow Globe. One of the best for general crop, either for table use or stock .....	.20	.50
Yellow Stone. A good globe-shaped turnip, similar to the above .....	.20	.50
Golden Ball. A table Turnip of quick growth, and unsurpassed quality .....	.20	.50
Long White or Cow Horn. One of the best field Turnips, flesh fine grained....	.20	.50
Seven Top. Tops used for Greens .....	.20	.50

TURNIPS—Continued

RUTA BAGAS

AM. IMP. PURPLE TOP RUTA
BAGA TURNIP

American Improved Purple Top. The leading variety, of fine quality, valuable both for the table and for feeding stock. 1 oz., 20c; ¼ lb., 50c.

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more and give them a light dressing, of wood ashes. This is the surest mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

HERB SEEDS

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

Anise (<i>Pimpinella anisum</i>), an annual cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	Pkg.	Oz.
Basil, Sweet. (<i>Ocimum basilicum</i>). This is a tender annual, cultivated for its leaves which are much used for flavoring soups and sauces .....	.10	.50
Borage (<i>Borago officinalis</i>), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers .....	.10	.50
Caraway (<i>Carum cavi</i>), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavor to liquors.....	.10	.50
Coriander (<i>Coriandrum salivum</i>), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine.....	.10	.50
Dill (<i>Anethum graveolens</i>), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumber to heighten their flavor. Medicinally they are good for flatulence and colic in infants. ¼ lb., 50c; 1 lb., 1.25 .....	.10	.25
Sweet Fennel (<i>Anethum foeniculum</i>), hardy perennial, leaves used for garnishing and in the preparation of various fish sauces. Tall small foliage resembling dill. 1 lb., 1.75.....	.10	.25
Florence Fennel. An excellent salad plant and is also boiled. The flavor is somewhat spicy. Low growing. ¼ lb., .60; 1 lb., 1.75 .....	.10	.35
Horehound (<i>Marrubium vulgare</i>), hardy perennial .....	.10	.50
Lavender (<i>Lavandula spica</i>), a popular aromatic herb .....	.10	.50
Marjoram, Sweet (<i>Origanum Majorana</i>), for seasoning .....	.10	.50
Rosemary (<i>Rosmarinus officinalis</i>), an aromatic herb .....	.10	.50
Rue (<i>Ruta graveolens</i>), used for medicinal purposes, also frequently given to fowls for the roup .....	.10	.50
Sage (<i>Salvia officinalis</i>), much used for flavoring articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration .....	.10	.50
Summer Savory (<i>Satureia hortensis</i>), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups .....	.10	.50
Thyme Broad Leaved English , hardy perennial Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headaches .....	.10	.50

GENERAL LIST OF FLOWER SEEDS

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a cold frame or cool house during winter.

Hardy Perennials can remain in the open ground during winter without protection.

Half-Hardy Perennials require the protection of a cold frame or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A.	designates	Hardy Annuals
H.H.A.	"	Half-Hardy Annuals
H.B.	"	Hardy Biennials
H.H.B.	"	Half-Hardy Biennials
H.P.	"	Hardy Perennials

H.H.P.	designates	Half-Hardy Perennials
H.C.	"	Hardy Climber
G.P.	"	Greenhouse Plant
H.A.C.	"	Hardy Annual Climber

Pkt.

Pkt.

ABRONIA umbellata. H.A. Trailing annual, pink flower trusses. 9 in. ¼ oz., 2c. .10

ACHILLEA ptarmica. "The Pearl." H.P. Double white flowers. .25

ACONITUM napellus. H.P. Dark blue flowers in August .15

ACROCLINIUM, Double Finest Mixed Colors. H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 ft. ¼ oz., 20c. .10

AGERATUM. H.A. Blooms throughout the Summer; feathery flowers in clusters.

nanum "Blue Ball" Compact, ball shaped plants, of unusual uniformity. 6 in. ¼ oz., 50c. .15

Little Dorrit Blue. Flowers bright blue. 6 in. ¼ oz., 30c. .10

Little Dorrit White. Pretty for contrast. 6 in. ¼ oz., 30c. .10

AGROSTEMMA.

coronaria (Rose Champion). H.P. Crimson flowers, silver foliage. 2 ft. ¼ oz., 35c. .10

ALYSSUM. H.A. Pretty little plants for beds, vases, baskets, edgings or rock work; blooms profusely all Summer.

maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer. 6 in. 1 oz., 30c. .10

Benthami Compactum, Lilac Queen. Pure lilac flowers, dwarf and compact growth. 6 in. ¼ oz., 25c. .10

ALYSSUM—Continued

procumbens (Carpet of Snow). Dwarf; pure white. 4 in. ¼ oz., 25c. .10

saxatile compactum. H.P. Spring blooming Alyssum with yellow flowers. 12 in. 1 oz., 75c. .15

AMARANTHUS. H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.

caudatus (Love-lies-bleeding). Long drooping crimson spikes. 3 ft. ¼ oz., 25c. .10

cruentus (Prince's feather). Dark red feathery flowers. 3 ft. ¼ oz., 35c. .10

tricolor (Joseph's Coat). Leaves red, yellow and green. 2 ft. ¼ oz., 35c. .10

Molten Fire. Leaves dark bronze, center poinsettia red dwarf, beautiful. 1½ ft. 1-16 oz., \$1.00 .15

AMPELOPSIS Veitchi (Japanese Woodbine, or Boston Ivy). H.C. ¼ oz., 40c. .10

ANCHUSA capensis. H.A. Flowers resembling large Forget-me-nots. 18 in. ¼ oz., 75c. .10

grandiflora (Dropmore Variety). H.P. Large flowered, dark blue. 5 ft. ¼ oz., 50c. .15

Annual, Blue Bird. (New), compact indigo blue. ¼ oz., 50c. .15

ANTHEMIS Kelwayi. H.P. Yellow flowers. 3 ft. ¼ oz., 75c. .15

ANTIRRHINUM Maximum, New Giant Flowered. H.H.B. This new class of

ANTIRRHINUM—Continued

Antirrhinums is attracting much admiration and well deserves it. The flowers are of extraordinary size and entirely distinct from anything what has been produced in Antirrhinums so far. In order to obtain best results plants should be staked. Three foot.

Cerberus. Rich carmine red.....	¼ oz., 75c.	.15
Gotelind. Bright orange.....	¼ oz., 75c.	.15
Purple King. Rich purple.....	¼ oz., 75c.	.15
Canary Bird. Pure soft canary yellow		

	¼ oz., 75c.	.15
Defiance. Scarlet	¼ oz., 75c.	.15
Fascination. Deep flesh pink.....	¼ oz., 75c.	.15
Snowflake. Lovely pure white with yellowish throat	¼ oz., 75c.	.15

Copper King. Coppery scarlet turning into a pure copper color.....	¼ oz., 75c.	.15
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Wallflowered Colored. Rich Mahogany red	¼ oz., 75c.	.15
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AQUILEGIA (Columbine). H.P. Fine free flowering, hardy border plant—one of the most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

Longspurred Hybrids (Mrs. Scott's Strain). Very large flowered and most beautiful color proportion. **Mixed.** 1 oz., 75c. .10

chrysantha (golden spurred). Long spur red golden yellow. 2 ft.....

coerulea (Rocky Mountain Columbine). Large flowers, violet blue and white. 2 ft.

coerulea. Mrs. M. Nichol's 1-16 oz., \$1.00. .25

Jaetschaui (Rare). Very large yellow with red spurrs. 3 ft.....

ARABIS Alpina. H.P. Excellent for borders or rock work. Pure white. 6 in.

ARCTOTIS grandis. H.A. Daisy-like flowers; white shaded blue. 2 ft.....

ASTERS

Plants from seed sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots and boxes in the house. Cover the seeds about half an inch deep with rich light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well prepared beds.

GIANTS OF CALIFORNIA. An improved form of Crego with flowers 6 inches across packed with broad petals. 2 ft ¼ oz. Pkt. \$0.85 \$0.15

Dark Purple .....	.85	.15
Peach Blossom .....	.85	.15
Light Blue .....	.85	.15
Light Purple .....	.85	.15
White .....	.85	.15
Finest Mixed .....	.85	.15

Pkt.
Pkt.

GIANT BRANCHING (American or Vick's Branching). Flowers large, double and fine form. Branching and robust habit.

Fine for cutting. 2½ to 3 ft. ¼ oz.

Crimson	\$0.50	.10
White Yellow .....	.50	.10
Shell Pink .....	.50	.10
Lavender .....	.50	.10
Blue .....	.50	.10
Purple .....	.50	.10
Mixed .....	.40	.10

VARIOUS ASTERS

King (Needled type). Upright growth; large flowers, long narrow petals. 2 ft. Finest mixed..... ¼ oz., 40c. .10

Sunshine Twisted and quilled petals. Fine for cutting, as the flowers last a long time after. 2 ft. Finest mixed. ¼ oz., \$1.00. .10

Early Wonder (Express). Extra early, flowers quite double, good size on stiff stems. 16 in. ¼ oz., 75c. .10

Heart of France. (wilt resistant). Most brilliant red aster, ¼ oz. 75c..... .15

Alpinus longepetale (Perennial Aster, or Michaelmas Daisy). H.P. Star-like, fall flowering. purple and lavender flowers with large yellow center. 1 ft.

AUBRIETIA hybrida grandiflora. H.P. Suitable for rock work and herbaceous borders. Mixed colors. 6 in..... .25

AURICULA, Finest Mixed. H.P. Flowers resemble the polyanthus rose primrose. Many lovely shades of yellows, garnets, and purples with lighter centers. 6 in.25

BACHELOR BUTTONS. (See *Centaurea Cyanus*).

BALLOON VINE. H.H.C. White flowers, followed by balloon-like seed pods. 10 ft. 1 oz. 30c. .10

BALSAM. Double **Camellia Flowered mixed.** (Lady Slipper). H.A. Showy easily grown annual. 1½ ft. ¼ oz., 35c. .10

BEAN (Scarlet Runner). H.A.C. A rapid climber, profuse red flowers. 10 ft..... .10

BELLIS perennis fl. pl. (Double English Daisy). H.P. Spring-flowering perennial. 6 in.

monstroza gigantea. These surpass all strains of this popular plant in strong robust growth and in the abundance of extra large, perfectly double flowers.

Alba. Giant white 1½ oz., \$1.00 .15

Rosea. Giant rose 1½ oz., \$1.00 .15

Etna. Giant flowered red quilled 1½ oz., \$1.00 .15

Mixed 1½ oz., \$1.00 .10

BLUE LACE FLOWERS. (See *Didiscus caerulea*).

BOSTON IVY (See *Ampelopsis*).

BROWALLIA Speciosa Major. Ultramarine. A plant used in the border, hanging-basket; especially valuable as a pot plant for winter blooming.15

	Pkt.		Pkt.
BUTTERFLY FLOWER (See Schizanthus).		CANTERBURY BELLS. H.B. (See Campanula media).	
CALCEOLARIA <i>hybrida grandiflora</i> "James Strain." G.P. Highly prized plants for conservatory and house decoration .....75		CARDINAL CLIMBER. H.A.C. (See Ipomoea cardinalis).	
CALENDULA (Pot Marigold). H.A. Free and continuous flowering garden plants. 12 in.		CARNATION. Chabauds Perpetual Flowering. H.H.P. A distinct strain of Carnation, with very large flowers of the finest texture. Blooms within six months from seed and continues to bloom throughout the Summer. The plants are robust, erect growing habit and produce a large number of flowering stalks. 18 in.	
Campfire. (Sensation.) The best orange with red sheen and yellow center. 1/4 oz., \$1.00 .....15		Jeanne Dionis. Pure white 1/8 oz., \$1.00 .....15	
Radio. Flowers very full, petals quilled; rich glowing orange color. 1/4 oz., 60c. ....15		Marie Chabaud Celloz.....1/8 oz., \$1.00 .....15	
Ball's Improved. Extra double, bright orange, free flowering.....1/4 oz., \$1.00 .....15		Rose Queen. Rosy Pink.....1/8 oz., \$1.00 .....15	
Lemon Queen. Sulphur yellow.....1/4 oz., 75c. ....10		Nero. Crimson .....1/8 oz., \$1.00 .....15	
Mammoth Orange .....1/2 oz., 25c. ....10		Marguerite H.H.P. Flowers large and fragrant .....1/8 oz., 50c. ....10	
CALLIOPSIS. H.A. Nothing is more effective than a bed of these golden flowers.		Grenadine Double Scarlet. Very early flowering. 1 ft. ....1/4 oz., \$1.00 .....15	
Radiata (Golden Ray). Pure yellow flowers, very large and showy. 10 in. 1/4 oz., 20c. ....10		Finest Double Mixed Border Gives a slight mulch. 1 ft. ....1/4 oz., \$1.00 .....15	
bicolor nana purpurea (Crimson King). Deep bright scarlet. 1 ft. ....1/4 oz., 20c. ....10		Early Dwarf Vienna. Double Mixed. 1 ft. ....1/4 oz., 75c. ....10	
CAMPANULAS. H.P. All the campanulas can be grown in ordinary gardens and will flower from seed the following year		CASTER BEANS (See Rincinus).	
carpatia. Deep blue; for rockeries, beds and edgings. 6 in. ....1/4 oz., 50c. ....10		CELOSIA Cristata. (Cockscomb.) H.H.A. Popular annual of easy culture producing Cockscomb-like heads.	
carpatia alba. Flowers white. 1/4 oz., 50c. ....10		Glasgow Prize. Large, deep crimson. 12 in. ....1/8 oz., 65c. ....10	
pyramidalis. (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft. ....1/4 oz., 60c. ....10		Fire King. Fiery red.....1/8 oz., 65c. ....10	
pyramidalis alba. Pure white. 4 ft. 1/4 oz., 60c. ....10		Dwarf. Mixed colors, extra fine strain. 9 in. ....1/4 oz., \$1.00 .....10	
persicifolia coerulea blue (Peach Bells). Fine hardy bell flower. 1 1/2 ft. 1/8 oz., 75c. ....15		CELOSIA Childsi. (Chinese Wool Flower). A variety of feathered Celosia with large globular flowers like balls of wool. 2 ft. ....1/8 oz., 35c. ....10	
longistyle. Fine perennial rock plant. Blue violet .....25		CELOSIA plumosa. (Ostrich Plume). H.H.A. Producing large, graceful plumes, makes fine plants for large beds or groups, and the flowers or plumes can be dried for Winter bouquets. 3 ft.	
Media. H.B. (Canterbury Bells). Old-fashioned hardy biennials; splendid for borders or naturalizing in the wild garden. 2 ft.		Triumph of the Exposition. Bronze colored foliage. Feathery plumes of crimson. 24 in. ....1/4 oz., 75c. ....10	
Single Mixed .....1/4 oz., 20c. ....10		Pride of Castle Gould. Immense flower heads. Colors are blood red, carmine, yellow, orange, golden orange, scarlet in mixture. Branching habit. 2 ft. 1/8 oz., \$1.00 .....10	
Double Mixed .....1/4 oz., 50c. ....15		CENTAUREA. candidissima. (Dusty Miller.) H.A. Round compact plants, white leaves broadly cut. 12 in. 1/4 oz., 75c. ....10	
Calycanthema (Cup and Saucer). A splendid variety with large semi-double flower resembling a cup and saucer. Fine for cut flowers and border use. 2 ft. Mixed .....1/4 oz., 60c. ....10		CENTAUREA. montana. H.P. (Hardy Cornflower). Large flowers of deep blue, very showy. 2 ft. ....1/8 oz., 35c. ....10	
CANARY BIRD VINE. H.A.C. Pretty climber, with yellow butterfly-like flowers. 10 ft. ....1 oz., 50c. ....10		suaveolens (Yellow Sweet Sultan). An outstanding variety with fine soft yellow flowers on long stems. For outdoor or conservatory use it is unsurpassed. 18 in. ....1/4 oz., 50c. ....10	
CANDYTUFT. H.A. Showy plants, much grown in masses for bedding and edgings.		CENTAUREA. cyanus. (Bachelor Button, Cornflower, Blue Bottle or Ragged Sailor). H.A. This is one of the most popular annuals; will grow in the poorest soil, either on seashore or	
coronaria Giant Hyacinth-flowered. Select. Pure white, from 10 to 12 immense spikes on a single plant. 12 in. 1/2 oz., 30c. ....10			
odorata (pectinata). Sweet scented. 10 in. ....1/2 oz., 30c. ....10			
sempervirens. H.P. White flowers. 12 in. ....25			
gibraltarica. H. P. Beautiful bluish-white. 12 in. ....10			

	Pkt.		Pkt.
CENTAUREA—Continued		CLEOME gigantea (Giant Spiderflower).	
mountain. 18 inches.		H.A. Bright rosy-crimson flowers;	
Double Blue (Florist's Strain). Fine		adapted for large beds or borders.	
for cutting 1 oz., 75c.	.10	3½ ft. ¼ oz., 50c.	.10
Nana compacta Victoria. Dwarf. 1 ft.		COBAEA scandens. H.A.C. Tender climber,	
..... ¼ oz., 25c.	.10	large, bell-shaped blue flower.	
Finest Double Mixed ¼ oz., 25c.	.10	20 ft. ¼ oz., 25c.	.10
CENTAUREA imperialis. Giant Imperial		COCKSCOMB (See <i>Celosia cristata</i>).	
Sweet Sultan. H.H.A. Fine for mass-		COLEUS, hybridus. G.P. Richly colored	
ing in borders and are unsurpassed for		foliage plants. Finest mixed.....	.10
cut flower purposes. They also respond		Hybridus. Large-leaved. Brilliant	
to indoor culture and provide a long		crimson-red, charming.....	.50
succession of bloom for Winter deco-		COLUMBINE (See <i>Aquilegia</i>).	
ration. 32 in.		CONVOLVULUS, or Morning Glories (See	
Favorita Rose. Bright rose..... ¼ oz., 30c.	.10	also <i>Ipomoea</i>).	
Grazioza. Lilac ¼ oz., 30c.	.10	COREOPSIS. H.P. Long stemmed, large,	
Splendens. Dark purple..... ¼ oz., 30c.	.10	single flowers. 2 ft. Fine cut flower.	
CERASTIUM tomentosum. (Snow-in-Sum-		Grandiflora. Large flowers of rich yellow	
mer). H.P. A dwarf, white-leaved		..... ¼ oz., 25c.	.10
edging plant with small white flow-		grandiflora il. pl. An improved type with	
ers. Good rock plant. 6 in..... ¼ oz., 75c.	.10	large double flowers of deep yellow.....	.15
CHEIRANTHUS allioni (Alpine Wallflow-		CORNFLOWER (See <i>Centaurea cyanus</i>).	
er). H.H.P. Excellent for rockery or		COSMOS. H.A. This is one of our most	
border; brilliant orange flowers. 9 in.		useful and beautiful autumn flowers.	
Very fragrant ¼ oz., \$1.00	.10	To get it in bloom early, seed should	
linifolius. This charming lilac Wallflow-		be sown in May in the open ground	
er is seldom out of flower. Valuable		where the plants are desired to bloom,	
for hardy borders and rock gardens.		and the seedlings allowed to grow and	
1 ft. ....	.15	flower without being transplanted.	
CHRYSANTHEMUM, carinatum double		5 ft.	
hybrids. H.A. Showy, hardy annuals		Double-crested. Early-flowering Semi-	
of easiest cultivation, blooming from		double flowers in great profusion. 5	
July until frost. 1 to 1½ ft.		ft. Mixed colors ¼ oz., 75c.	.15
..... ½ oz., 30c.	.10	Extra Early Giant-flowering. Flowers 4	
leucanthemum hybridum. (Shasta		to 5 in. across. 4 ft.	
Daisy). Pure white, early flowering		Crimson ¼ oz., 25c.	.10
spring marguerite. 1½ ft..... ¼ oz., 50c.	.10	Pink ¼ oz., 25c.	.10
maximum. "The Speaker." Very large		White ¼ oz., 25c.	.10
snow white flowers. Free flowering.		Mixed ¼ oz., 25c.	.10
1½ ft. ¼ oz., 75c.	.20	New Early Express. A new very early	
CINERARIA hybrida. G.P. One of the		flowering Cosmos which produce flow-	
most gorgeous colored flowering		ers from seed in forty-five days.	
plants for either greenhouse or con-		White, Crimson, Pink ¼ oz., 75c.	.15
servatory. Seeds should be sown in		COWSLIP. Mixed (<i>Primula Veris</i>). H.P.	
July, August or September.		A spring-flowering plant. Beautiful	
multiflora nana (Berlin Market strain).		colors, rich brown, crimson and yellow.	
Very dwarf and compact. Flowers of		6 in. ....	.10
large size, a good pot plant. Mixed		CYNOGLOSSUM amabile. H.A. Beautiful	
colors. 9 in. ....	.50	rich blue, sweet-scented flowers. Fine	
multiflora grandiflora maxima. This new		for cutting. 18 in..... ¼ oz., 50c.	.10
Hybrid is a cross between multiflora		CYPRESS VINE. H.A.C. A fast growing	
nana and grandiflora; flowers extra		annual vine, with feathery, dark-green	
large, measuring 2 to 3 inches in		foliage and star-like flowers 10 ft.	
diameter and produced in quantities		Bright Scarlet ¼ oz., 25c.	.10
of 100 blooms and over to a plant;		Finest Mixed ¼ oz., 25c.	.10
mixed colors ¼ oz., 25c.	.50	CYCLAMEN. G.P. Giant Show. Seed	
CINERARIA maritima candidissima.		should be sown from August until	
H.H.P. A whiteleaved "Dusty Miller"		January. The seeds we offer are	
used for edging. 1 ft..... ¼ oz., 35c.	.10	grown by Binnewies in Europe, who,	
CLARKIA. H.A. This pretty and easily		we believe, has the finest strain for	
grown annual does well either in sun		exhibition plants. Best colors, orig-	
or shade. 2 ft.		inal sealed packages.....100 seeds, \$2.75	.50
Brilliant. Double salmon-scarlet flow-		DAHLIA. H.H.P. This popular flower	
ers ¼ oz., 25c.	.10	can be easily raised from seed, flower-	
Chieftain. Extra double mauve.		ing the same season. Seed should be	
..... ¼ oz., 25c.	.10	sown early in gentle heat. 4 to 6 ft.	
Apple Blossom. Soft pink..... ¼ oz., 25c.	.10	Decorative and Cactus Mixed. Includes	
White ¼ oz., 25c.	.10	Decorative and Cactus Hybrids, Eng-	
Double Mixed ¼ oz., 25c.	.10		

DAHLIA—Continued

	Pkt.
lish and American types, 45 newest and best exhibition varieties .....	.35
DAISY, Double (See <i>Bellis Perennis</i>).	
DAISY, Single (See <i>Chrysanthemums</i>).	
DELPHINIUM (Larkspur). H.P. Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubby and are splendid for cut flower use.	
Wrexham or Hollyhock Hybrids . Experts regard this strain as quite the finest in cultivation. It is conspicuous for its massive, broadbased spires of large individual flowers which are compactly arranged about the stems. The shades of blues and mauves are of exquisite clarity. 4 to 6 ft.	1.00
Belladonna, Fanny Stormouth . Light azure blue .....	.10
Blue Butterfly . Long spikes of azure blue flowers. 3 ft. 1/8 oz., \$1.00	.10
Formosum . Loose spike flowers about a foot long, deep blue. 1/8 oz., \$1.00	.10
Cardinale . Scarlet .....	.15
Sulphureum . (Zalil). Yellow, orchid-like flowers. 6 ft. ....	.15
Selecta Double . A very choice strain. Very large flowering .....	.20
Mixed . A mixture of perennial varieties .....	.10
DIANTHUS, HARDY ANNUAL PINKS .	
Chinensis . China or Indian Pinks. Single or double .....	.10
Heddewigii Hybridus (Japanese Pink). Double mixed .....	.10
Sweet Wivelsfield (<i>Dianthus Allwoodii</i> x <i>D. Barbatus</i>). A new hardy Annual, good for borders, as a cut flower, and especially adapted for rock gardens. ....	.50
HARDY GARDEN PINKS . <i>Allwoodii</i> . Double clove scented. Mixed. ....	.35
Plumarius (Grass or Scotch Pinks). A beautiful single with fringed edge. Flowers of various colors. 1/4 oz., 35c.	.10
plumarius nanus fl. pl. Double early flowering hardy garden "Pinks." 10 in. Fringed .....	.15
Semperflorens . (Florists' Perpetual Pinks). 16 in. 1/4 oz., 35c.	.10
DIDISCUS . <i>Caerulea</i> (Blue Lace Flower). H.A. An attractive annual blooming from July until frost. Pale lavender flowers. 18 in. 1/8 oz., 50c.	.10
DIGITALIS or FOXGLOVE . H.P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half shady places.	
The Shirley . (New). Very large flowered spotted, mixed. 4 ft. ....	.15
gloxiniiflora . Finest spotted varieties, mixed .....	.10
DIMORPHOTHECA . New Hybrid. H.A. Daisy-like blossoms of a rich orange color, dark disc surrounded by black zone. 1 1/2 ft. 1/4 oz., 50c.	.10
DOLICHOS or HYACINTH BEAN . H.A.C. Annual climbers with clusters of bean-like flowers. Mixed. 10 ft. 1 oz., 40c.	.10

	Pkt.
ECHINOCYSTIS lobata (Wild or California Cucumber). H.A.C. The fastest growing annual vine in existence; twenty feet in six weeks. Pretty foliage and inconspicuous white flowers. 1 oz., 35c.	.10
ESCHSCHOLZIA OR CALIFORNIA POPPY . H.A. Very attractive annuals for beds, edgings, masses, profuse blooming, fine cut, glaucous foliage blooms from June until frost. 1 ft.	
Carmine King . Deep Carmine. 1/4 oz., 25c.	.10
Golden West . (California). Yellow with orange center .....	.10
Tango . Bronzy red overlaid terra cotta .....	.10
Enchantress . Double Pink. 1/4 oz., 25c.	.10
Hybrida Mixture . Made up of new colors in <i>Eschscholtzias</i> and includes soft pinks, scarlet, chrome, copper red, claret and royal purple. 1/4 oz., 25c.	.10
EUPHORBIA . Strong growing annuals, suitable for beds of fall-growing plants or mixed borders. The foliage is exceedingly ornamental. Sow outdoors in April.	
Variegata (Snow-on-the-Mountain). Elegant, bushy plants, with broad green leaves, veined and margined with white. Attractive in foliage groups. Height 2 ft. 1/4 oz., 25c.	.10
Heterophylla (Annual Poinsettia; Mexican Fire-Plant). An annual, bushy plant, with highly ornamental leaves, which in Summer and Autumn become dark fiery scarlet. Height 2 ft. to 3 ft. 1/4 oz., 35c.	.10
EVERLASTING FLOWERS . The Straw Flower (<i>Helichrysum</i>) is perhaps better known than the other sorts listed, but all are fully as interesting for giving variety to dried winter bouquets. These make fine gifts from your own garden to your friends. The drying is a simple operation; cut before fully expanded, bunch like sweet peas, and hang on a line upside down in a cool, dark, dry room. It takes ten days. Sow seed indoors in March; outdoors in May, in a sunny spot.	
Acroclinium , Mixed. H.A. Pretty white and rose, daisy-like flowers, so desirable for Winter bouquets. Height 1 ft. 1/4 oz., 20c.	.10
Globe Amaranth , Mixed (<i>Gomphrena</i>). H.A. Flowers of white, pink, rose, and purple, like heads of clover, but are Straw Flowers. Height 1 ft. 1/4 oz., 20c.	.10
Helichrysum monstrosum , mixed (Straw Flower). H.A. Height 2 ft. 1/4 oz., 25c.	.10
Physalis (Chinese Lantern Plant) <i>Fan-chetii</i> . H.P. Hardy perennial forming dense bushes about 2 feet high, producing bright orange scarlet lantern-like fruits. May be had in flower first year from seed if seed is sown early: the fruits are often displayed in	

Pkt.

	1/4 oz.,	.15
splendid decorative value.....	1/4 oz., 50c.	.15

hodanthe, mixed. H.A. Neat, slender plants with silvery leaves and dainty

Rhodanthe, mixed. H.A. Neat, slender plants with silvery leaves and dainty lavender, pink, and white flowers like inverted cones. 1 ft..... $\frac{1}{4}$ oz., 35c. .10

The cloud-like masses of flowers of the branching varieties make borders gay for a long time, while their delicate coloring and light, graceful habits are a great help to helichrysums and other everlasting flowers. Hardy perennial, purplish blue flowers.

1/4 oz., 50c.	.10
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Showy rose, purple and white daisy-like flowers with an outer corolla and a cup in the center.....	1/4 oz., 50c.	.10
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FOUR O'CLOCK *Marvel of Peru*. This is another good old-fashioned annual flower of bushy habit, bearing hundreds of white, yellow, crimson and violet flowers during the season. Very charming when used as a hedge plant, with its glossy foliage very closely set and dotted all over with flowers in the afternoon. Height 2 ft. Sow seed outdoors in April in a bright sunny location.

Fine Mixed	1 oz., 25c.	.10
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GAILLARDIA. H.A. Showy garden annuals they flower uninterruptedly from early Summer until frost. The flowers are of large size and afford charming tints in their color. 2 ft.

Picta Indian Chief. An annual bronzy red variety given the Award of Merit 1929. 1/4 oz., 35c.

Picta Lorenziana	Annual double mixed.	1/4 oz., 35c.	.10
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Portola Hybrids. Varied shades of red-tipped golden. Long, stiff stems.

	Golden	Long,	stem	stems.
Dazzler	Golden yellow	and	maroon-	

Tangerine. Medium size flower. Grace-

<p> Flower: Medium size flower. Graceful in appearance and a fine cut-flower. </p>	<p> $\frac{1}{4}$ oz., 35c. </p>	<p> .10 </p>
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Fine Mixed	1 oz.,	75c.
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GENTIANA acaulis. H.P. Deep blue flowers. Suit to moist shady situations. 5 in. .1

GERBERA Jamesoni Hybrids. H.H.P.
(The Transvaal Daisy). H.H.A. Fine

for cut flowers or bouquets. 18 in.
100 seeds \$1.00 .1

GEUM. H.P. Showy hardy perennial of easy culture, and well adapted for the garden: fine for cutting. 2 ft.

Mrs. Bradshaw. Double-orange scarlet flowers, very large and full..... 1

Lady Stratheden. Double yellow flowers. .1
GLOBE-AMARANTH (GOMPHRENA).

GOURDS. H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds." Bottle, Dipper, Dishcloth, Egg Shaped, Calabash, Hercules' Club, Mock Orange, Nest Egg, or Mixed.....1 oz., 35c.

GRASSES ORNAMENTAL. A most valuable class of plants for the lawn shrub bed or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles.

Annual Varieties. Cloud, Quaking, Love
Purple, and Purple Fountain Grasses
and Job's-tears.

Perennial Varieties. Pampas, Zebra, Feather and Spike Grasses

GYSOPHILA. (Baby's Breath). H.A.
Extremely useful for bouquets. Flow-
ers small and come in delicate sprays
and panicals.

elegans Covent Garden. An improved large flowering pure white form of "Elegans" 1 1/2 ft. 1 oz., 35c.

elegans mixed. 1½ ft.....1 oz., 25c
paniculata. H. P. One of the finest for

cutting. Pure white flowers very small and borne in large panicles. 2 ft 1/2 oz 25c

paniculata flore pleno. H.A. A double
flowering variety pure white 2 ft

HELICHRYSUM (See Everlasting Flowers).

HELIOTROPE *Queen Margerite*. Magnificent early and free-flowering dwarf compact habit, gigantic sweet-scented flowers. Dark blue..... 15

HESPERIS (See Sweet Rocket).

HIBISCUS africanus. H.P. 4 to 6 inch bowl-like flowers. Yellow with black center. 1½ ft. ¼ oz. 25c. 10

HOLLYHOCKS. H.P. One of the showiest of hardy garden plants. No garden is complete without these stately flowers. Hollyhocks are troubled of late with a rust which can be prevented if plants are sprayed frequently in early Spring with Bordeaux Mixture.

Charter's Prize Early Double Lilac.

Crimson $\frac{1}{8}$ oz., 55c. 10

Cherry	1/8 oz., 35c.	.10
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Rosa	1/8 oz.,	35c.	.10
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Lilac, purple eye	1/8 oz.,	35c.	.10
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Sulphur-yellow	1/8 oz., 35c.	.10
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Hybrids. Everblooming annual, mixed.		
	1/4 oz., 40c.	.10

Double Begonia Flowered, mixed.....	25
HONESTY. Seed should be sown late in the spring to produce seed pods for winter decoration. ....1/4 oz., 35c.	10

HUMULUS JAPONICUS (Japanese Hop).
H.A.C. A climber with dense green
foliage. 20 ft. 74 oz., 35c. .10
HUNNEMANNIA fumariæfolia. (Giant
Yellow Tulip Poppy). H.A. Flowers
are tulip-shaped, pure golden yellow.

HUNNEMANNIA—Continued		Pkt.	LARKSPUR—Continued		Pkt.
When cut and put in water they will last a week. 2 ft.....		10	GIANT IMPERIAL. Base branching, ideal for cut flowers with stems from 3 to 4 feet long which branch from the base of the plant.		
HYACINTH BEAN (See <i>Dolichos</i>).			Blue Spire. Intense deep Oxford Blue.		
ICE PLANT. (<i>Mesembryanthemum Crystallinum</i>). H.H.A. A dwarf trailing annual plant; flowers white; singular icy foliage; ideal rock plant. 6 in.			1/8 oz., 75c.		.25
1/4 oz., 25c.		10	Exquisite Pink. Soft pink shaded salmon.		
IPOMOEA (Morning Glory). (See also <i>Convolvulus</i>). H.A.C. Clumbers of rapid growth with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees, they are invaluable. 20 ft.			1/8 oz., 50c.		.15
Noctiflora grandiflora (Moonflower). Large pure white, fragrant flowers which open at evening.....		10	Exquisite Rose. Rose pink.....		.15
1/4 oz., 30c.			Lilac Spire. Lilac.....		.25
Quamoclit hybrida (Cardinal Climber of Cypress vine). Strong, rapid climber, with fern-like foliage, literally covered with cardinal-red flowers which continue till frost.....		.15	Miss California. Deep pink, shaded salmon.....		.25
Rubro-caerulea (Heavenly Blue). Large flowers, deep sky-blue.....		10	1/8 oz., 75c.		
1/4 oz., 30c.			Imperial Mixed.....		.15
Setosa (Brazilian Morning-glory). Flowers rose pink, borne freely in large clusters; stems and leaf stalks covered with reddish-brown hairs.			LEMON VERBENA (See <i>Verbena</i>).		
1/4 oz., 25c.		10	LINARIA cymbalaria (See <i>Kenilworth Ivy</i>).		
Imperial Japanese Mixed (Morning-glory).....		10	LINUM. H.A. Free flowering plants for borders.		
(See <i>Cypress Vine</i>).			grandiflora rubrum. Single scarlet flowers. 1 ft. ....		.10
IVY. <i>Kenilworth.</i> H.H.P. Neat trailer for rock gardens. Small snapdragon like flowers. Attractive foliage.			perenne. H.A. A lovely plant with blue flowers. 1 1/2 ft. ....		.10
JOSEPH'S COAT (See <i>Amaranthus</i>).			1/4 oz., 25c.		
KOCHIA. <i>tricophylla</i> (<i>Belevedere</i> , Summer Cypress, or Mexican Fire Bush). H.A. Grow in a perfect pyramidal shaped cypress bush, with small feathery light green foliage. Becomes a lovely crimson hue about September. 2 1/2 ft.		10	LOBELIA. H.H.A. Bushy plants with pendant branches; very profuse flowering. Fine for baskets or edging borders. 6 in.		
1/4 oz., 25c.			Barnard's perpetual. Deep blue with white eye.....		.15
KUDZU VINE. (<i>Pueraria Thunbergiana</i>). H.P. A splendid climber for covering permanent verandas, dead trees, etc. Large green foliage and pea-shaped flowers.		10	1/8 oz., \$1.00		
1/4 oz., 25c.			cardinalis hybrids "Queen Victoria." (Cardinal Flower). Dark-leaved with spikes of brilliant scarlet flowers. Fine border plant.....		.15
LANTANA. <i>Bruants.</i> Dwarf Hybrids. Mixed. G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft.....		.15	LOVE-LIES-BLEEDING (See <i>Amaranthus</i>).		
LATHYRUS latifolius. Perennial Sweet Peas. H.P. Hardy perennial, fine for cutting. 6 ft.			LOVE-IN-A-MIST (See <i>Nigellia</i>).		
White, Pink, Red, or Mixed.....		10	LUPINUS. Free flowering plants with long spike flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.		
LARKSPUR. H.A. Elegant and ornamental plants, producing in great variety of form, some of the most beautiful flowers in cultivation.			Annual Varieties Hartwegii. White, Blue, Rose or Mixed.....		.10
tall stock-flowering double. Plants branch freely, bearing long spikes of beautiful double flowers. 2 1/2 ft.			1 oz., 50c.		
Los Angeles. Rich salmon overlaid with brilliant rose.....		.15	Perennial Varieties Harkness' New Hybrids. Mixture of Art Shades.		
La France. Lovely salmon pink.			1/8 oz., 65c.		.15
Mixed.....		10	Downer's New Hybrids. Early variety of mixed colors.....		.15
			1/8 oz., 65c.		
			LYCHNIS Arkwrighti. H.P. A hybrid of "Chalcedonica" and "Haageana." Large brilliant flowers. Color from orange; scarlet to soft salmon-pink.		
			1/8 oz., 35c.		.10
			chalcedonica. (Rose Campion). Fine scarlet cross-like flowers. 18 in.		
			1/4 oz., 50c.		.10
			MARIGOLDS. H.A. The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniform large yellow or orange-colored flowers and well adapted for large beds or mixed borders. The latter are dwarfier in growth, with beautiful striped flowers, and are better suited for bedding purposes and pot culture.		

MARIGOLDS—Continued

	Pkt.		Pkt.
African Varieties. Showy Flowers. 3 ft.		charantia (Balsam-pear). Copper colored scarlet fruit ¼ oz., 25c.	.10
Orange Ball. Extra double, deep golden orange ¼ oz., 40c.	.15	MOONFLOWERS (See Ipomoea and Convolvus).	
Lemon Queen. Extra double, soft lemon yellow ¼ oz., 40c.	.15	MUSK (See Mimulus).	
Delight of the Garden. (Indian Yellow). Superb light lemon. ¼ oz., 30c.	.10	MYOSOTIS or FORGET-ME-NOTS. H.H.P.	
Pride of the Garden. Dwarf, double quilled gold ¼ oz., 30c.	.10	Fine for borders or cutting. ¼ oz., 25c.	.10
Mixed ¼ oz., 25c.	.10	be sown any time from Spring until Midsummer. 9 in.	
French Varieties. Small flowers. 1 ft.		Alpestris royal blue. Early and free flowering; color deep indigo blue. Fine for borders or cutting. ¼ oz., 25c.	.10
Gold Striped. Double, golden yellow flowers, each petal striped with rich mahogany-red ¼ oz., 35c.	.10	Alpestris Victoria The plants are of dwarf, compact growth, with a multitude of bright blue flowers in dense umbels ¼ oz., \$1.00	.15
Lilliput. Double, rich brown, narrow thread-like edge of yellow. ¼ oz., 35c.	.10	palustris semperflorens. The true water Forget-Me-Not. Blooms from early Spring until Autumn. Dark blue. ¼ oz., \$1.00	.25
Golden Ball. Pure gold yellow, good size flowers ¼ oz., 35c.	.10	Ruth Fischer Hybrida. Compact growth; blue flowers 25	
Mixed. Dwarf double ¼ oz., 25c.	.10	NASTURTIIUM (Tropaeolum nanum).	
Single Brown Gold Edge. Flowers golden yellow marked with velvety brown. Compact bush. 9 in. ¼ oz., 35c.	.10	H.A. Tom Thumb or Dwarf Varieties. These have a compact habit and attractive foliage; bloom in two months from sowing, and most profusely the whole season. 12 inches.	
MARVEL OF PERU. (Four O'Clocks).		Queen of Tom Thumbs. Variegated leaved. Choicest mixed 1 oz.	.15
H.A. A well-known, handsome, free flowering garden favorite; does well everywhere. Mixed. 2 ft. 1 oz., 25c.	.10	Self Colored, Extra Fine Mixed. This mixture is composed exclusively from self colored sorts (no spotted or speckled) and has the advantage of letting the variety of colors come out more effectively. A very showy mixture. Oz.	.15
MATRICARIA capensis fl. pl. (Feverfew). H.H.P. Low growing plants for beds and edgings, dwarf double white. 12 in. ¼ oz., 35c.	.10	NASTURTIIUM (Tropaeolum majus).	
MECONOPSIS Bailey. A beautiful new perennial originally found in Thibet in 1913. It bears an irregular cyme of nodding flowers of a glorious shade of sky-blue, a ring of golden anthers adds to the beauty of the bloom. 35		H.A.C. Tall or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers. 6 ft.	
MESEMBRYANTHEMUM crystallinum. (See Ice Plant).		Lobb's Queen. Mixed. Variegated leaved with very distinct and pretty colors, hybrids, ideal for window-boxes. Oz.	.25
MIGNONETTE. H.A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made its fragrant, modest colored flowers may be gathered outdoors until November. 12 in.		Choice Mixture. First quality, extra. Oz.	.15
Sweet-scented. (Reseda odorata grandiflora). The large flowering garden variety 1 oz., 35c.	.10	NEMESIA. <i>strumosa grandiflora suttoni.</i>	
Allan's Defiance. Under favorable conditions its spikes will be from 12 to 15 inches long. Florets are of remarkable size. An extraordinary keeper. A good winter forcer. ¼ oz., 35c.	.10	H.A. Splendid for bedding or forcing in greenhouse. Mixed colors. Bushy plants; flowers of unique form. 12 in. 1-16 oz., \$1.00	.25
Goliath Red. Extra large spikes of brilliant red color, extra fine, true. ¼ oz., 35c.	.10	NICOTIANA affinis. H.A. Fragrant, star-shaped white flowers. 3 ft. ¼ oz., 35c.	.10
MIMOSA pudica (Sensitive Plant). H.H.A. An interesting plant with rosy-lilac flowers. The leaves close when touched. 12 in. ¼ oz., 50c.	.10	affinis Hybrids. Large scented flowers, mixed shades ¼ oz., 40c.	.10
MIMULUS. Showy, half-hardy annuals, with handsome flowers; excellent for pots or garden. 6 in.		NIGELLA (Love-in-a-mist). H.A. Beautiful border plants. 18 inches.	
tigrinus. Spotted, mixed 15		Miss Jekyll. A lovely variety with cornflower-blue blossoms; splendid for cutting. Very double, beautiful. ¼ oz., 25c.	.10
moschatus (Muskplant). Fragrant, for pots 1-16 oz., \$1.00	.10	hispanica blue ¼ oz., 25c.	.10
MIRABILIS (See Marvel of Peru).		OENOTHERA (Evening Primrose). Lamarckiana. H.A. Yellow, useful for sunny position, looming the entire Summer. 12 in. 10	
MOMORDICA. H.A.C. Trailing plants, with curious foliage and fruit.		PANSY. H.H.P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the	
balsamina (Balsam-apple). Orange fruit. ¼ oz., 25c.	.10		

PANSY—Continued

Pkt.

seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.

Roggi Giant. (Swiss Pansy). (New.) Flowers of enormous size and with overlapping petals; many brilliant colors and shades, making a wonderful combination, excellent for greenhouse culture as well.

Lake of Thun. A solid blue pansy with dark blue blotches..... $\frac{1}{8}$ oz., \$1.00 .25

Cardinal shades..... $\frac{1}{8}$ oz., \$1.00 .25

Golden Yellow..... $\frac{1}{8}$ oz., \$1.00 .25

Mixed—Rare and effective colors.
..... $\frac{1}{8}$ oz., 75c .15

Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors, including many new and rare shades..... $\frac{1}{4}$ oz. 35c. .10

Giant Peter Pan. An extremely bright mixture unsurpassed by the range of the richest colors. Flowers round, flat and of good substance..... .25

PAPAVER (See Poppies).**PASSIFLORA caerulea** (Passion Flower).

H.H.C. Fast growing and free flowering, ornamental perennial climbers, with large showy blue flowers, suitable for conservatory or outside in Summer..... $\frac{1}{4}$ oz., 40c. .15

PENTSTEMON gentianoides. Hybrid Glox-

inoides. Sensation. New giant flowered. H.P. Highly useful and attractive hardy perennials, and much used in the hardy border. 2 ft..... $\frac{1}{8}$ oz., 85c. .10

PETUNIA. H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 inches.

Howard's Star. Bright purple, white star..... $\frac{1}{8}$ oz., 45c. .10

General Dodds. Velvety blood-red.
..... $\frac{1}{8}$ oz., 45c. .10

Inimitable. Blotched and striped.
..... $\frac{1}{8}$ oz., 35c. .10

Nana compacta Alderman. Deep violet.
..... $\frac{1}{8}$ oz., 45c. .10

Norma. Blue with white star, compact habit, very showy..... $\frac{1}{8}$ oz., 45c. .10

Rosy Morn. Soft carmine pink.
..... $\frac{1}{8}$ oz., 35c. .10

Rose of Heaven. Dwarf rose pink.
..... $\frac{1}{8}$ oz., 45c. .10

Senator. Gloxinia purple, white throat..... $\frac{1}{8}$ oz., 35c. .10

Violacea. Deep violet..... $\frac{1}{8}$ oz., 45c. .10

Mixed, all Nana Erecta varieties.
..... $\frac{1}{8}$ oz., 35c. .10

Pendula, Balcony Petunia. White, crimson, rose, blue or mixed..... $\frac{1}{8}$ oz., 75c. .15

Ruffled Giant Fringed Mixed. Large flowers appearing as though artificially ruffled..... .25

Giant Double Fringed Mixed. A strain of Double Fringed Petunia producing

Pkt.

a high percentage of extremely large full double flowers.35

PHLOX drummondii grandiflora. H.A. Improved, large-flowering strain of this famous garden annual. Prefers a light, rich loam in sun or semi-shade. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

White, pink, crimson, yellow, lilac, or mixed..... $\frac{1}{4}$ oz. 35c. .10

stellata splendens. Star-like crimson.
..... $\frac{1}{4}$ oz., 35c. .10

PHYSALIS francheti (Chinese Lantern).

(See Everlasting Flowers).

PINKS (See Dianthus).

POPPIES. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.

Single Annual Varieties. 12 in.

glaucum (The Scarlet Tulip Poppy).
..... $\frac{1}{4}$ oz., 25c. .10

Admiral, pure white edged scarlet.
..... $\frac{1}{4}$ oz., 25c. .10

Flanders Field, bright red..... $\frac{1}{4}$ oz., 25c. .10

American Legion Shirley. Brilliant orange-scarlet, yellow anthers. Should be grown extensively for Poppy Day.
..... $\frac{1}{4}$ oz., 25c. .10

Double Annual Varieties.

Carnation-flowered. Mixed colors.
..... $\frac{1}{4}$ oz., 25c. .10

Paeony-flowered. Mixed colors.
..... $\frac{1}{4}$ oz., 25c. .10

Dazzler. Brilliant orange scarlet.
..... $\frac{1}{4}$ oz., 25c. .10

Mikado. White, edged scarlet.
..... $\frac{1}{4}$ oz., 25c. .10

Iceland Poppies. H.P. White, these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.

Tangerine. Large flowered bright scarlet..... $\frac{1}{4}$ oz., 25c. .10

Sunbeam. Improved strain, robust growth. Colors white, lemon, yellow and orange scarlet..... $\frac{1}{4}$ oz., 25c. .10

Oriental Poppies. H.P. Always popular in any perennial bed. The seed should be sown in early Spring in open ground.

Orientele. "Brilliant." Bright Red.
..... $\frac{1}{4}$ oz., 35c. .10

Princess Victoria Louise. Salmon red. (Varies)..... $\frac{1}{4}$ oz., 35c. .10

Excelsior Mixed..... $\frac{1}{4}$ oz., 25c. .10

PORTULACA. H.A. One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.

double. In splendid mixture, first quality..... $\frac{1}{4}$ oz., 40c. .10

single. Mixed all colors..... $\frac{1}{4}$ oz., 25c. .10

PRIMULA sinensis fimbriata (Chinese Primrose). G.P. Double Mixed. 100 seeds.....\$1.00

PRIMULA—Continued

Pkt.

Giant Flowered. A grand advance over the <i>Sinensis fimbriata</i> . Flowers very large and solid .....	.50
Coral Red , shaded salmon, new and distinct .....	.50
Excelsior Mixed .....	.50
Stellata (Star Primula). For cut blooms they are unexcelled and for pot culture they are much more robust in habit and produce many more flowers than the <i>Primula sinensis fimbriata</i> varieties. A choice mixture of eleven varieties .....	.50
Obconica Gigantea. This improved strain of <i>Primula Obconica</i> is much superior to the old type, the flowers being much larger and the plants more compact in growth. They bloom profusely during the winter months.	
Schmids Riesen , red .....	.50
Fassbender , red. Very dark, most perfect structure .....	.50
Pearl of Niederrhein , dark red, salmon tinted .....	.50
Friesdorf , rose tinted salmon .....	.50
Malacoides. Pink Beauty. Rosy pink shading to mauve .....	.50
Kewensis. Verbena-scented yellow primrose. 1 ft. ....	.50
Japanea. H.P. (Japanese Primrose). Mixed colors .....	.50
Vulgaels Hybrids. H.P. English yellow Primrose hybrids .....	.25
Veris (cowslip), mixed .....	.10
PIRETHRUM. H.H.P. Fine for edging and borders. 6 in.	
Aureum Golden Feather. Bright yellow foliage .....	.10
Hybridum. Single mixed .....	.10
Hybridum. fl. pl. Double. H.P. Large Daisy-like or Cosmos flowers; blooms in early Summer and late Fall. 18 in. ....	.15
RHODANTHE (See Everlasting Flowers).	
RICINUS. Mixed Varieties. (Castor Oil Plant). H.A. From seed they quickly attain gigantic proportions, and are ornamental until destroyed by frost. ½ oz., 25c. ....	.10
ROCKET SWEET (Hesperis). Mixed colors. H.P. A very interesting useful free-flowering plant. 18 in. ¼ oz., 35c. ....	.10
RUDBECKIA. Newmanni. H.P. (Black eye-Susan). Bright orange with black cone. 2 ft. ....	.15
Echinacea. (Red perennial Sunflower). 4 ft. ....	.10
SALPIGLOSSIS variabilis grandiflora superbissima. New Emperor. H.A. One of the prettiest annuals of easy culture; funnel-shaped flowers. Facing upward revealing marking of veins running through the groundwork of the flower. Orchid-like flowers. 2 ft. ¼ oz., 35c. ....	.10
SALVIA (Flowering Sage). H.A. One of our most handsome Summer and Autumn flowering plants, growing in-	

Pkt.

to compact bushes 2 to 3 ft. high and literally ablaze with brilliant flowers.	
splendens. Glory of Stuttgart. Tall, scarlet .....	.10
compacta America or Globe of Fire. The earliest freest and most continuous bloomer .....	.10
PRIMUS. Extra early flowering. Blooms about four weeks earlier than the earliest varieties. Dwarf compact grower. Blooms freely, bright vermilion scarlet .....	.15
Farinacea. H.P. Grown also as an annual, light blue flowers, long spikes, makes a good blue line. 2½ ft. ¼ oz., 35c. ....	.10
SAPONARIA (Bouncing Bet). <i>Ocymoides.</i> H.P. Very showy rock plant, producing masses of small bright rose flowers during the Summer months. 9 inches .....	.10
SCABIOSA or MOURNING BRIDE. H.A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2½ ft.	
Large-flowering Tall Double Varieties.	
Azure Fairy , rich, soft blue ¼ oz., 25c. ....	.10
Cherry Red .....	.10
Black Prince , deep purple black. ¼ oz., 25c. ....	.10
Peach Blossom. A beautiful shade of peach blossom pink, of large size and long stems, an excellent cut flower.	
Shasta , pure white .....	.10
Sulphur Yellow .....	.10
Finest Mixed .....	.10
Caucasica—House's New Hybrids. Edges ruffled and fringed, light lavender colors to dark blue .....	.15
SCHIZANTHUS. (Butterfly flower). <i>Hybridus grandiflorus.</i> H.H.A. Beautiful and showy, erect growing, hardy annuals for house or garden; very flowering, continuing through the Summer and Autumn. 1½ ft., mixed colors .....	.10
SENSITIVE PLANT (See <i>Mimosa pudica</i>).	
SILENE (Catchily) <i>America.</i> H.A. Mixed colors .....	.10
Schaffa. H.P. Ideal rock garden plant. ¼ oz., 50c. ....	.15
SNAPDRAGON (See <i>Antirrhinum</i>).	
STATICE (See EVERLASTING FLOWERS).	
STEVIA Serrata. Numerous pure white fragrant flowers. Very useful and popular for winter cutting .....	.10
STOKESIA cyanea. (Cornflower aster). H.P. Lavender blue flowers. 2 ft. ¼ oz., 35c. ....	.10
STOCKS, Early Giant Imperial. A splendid addition to the early forcing class; of tall branching habit, from 24 to 30	

STOCKS—Continued

inches high and producing a very high percentage of double flowers. Mixed colors 1/8 oz., 35c. .15

SUNFLOWER. H.A. Single Russian.

Well-known hardy annuals, the small flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer. Enormous flowers. 6 ft. 1 oz., 15c. .05

SWEET PEAS. H.A. As soon as the ground can be worked in Spring sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about an inch at a time until the trenches are full, taking care not to cover the plants. Apply liquid manure occasionally. Do not allow the flowers to form seed.

Asta Ohn, soft mauve.

Countess Spencer. Light blush pink picotee edge.

Flamingo. Orange scarlet cerise.

King White. Largest flowered white.

Mary Pickford. Cream pink.

Tangerine Improved. Glowing orange.

Dobbie's Cream.

Scarlet Emperor.

Warrior. Maroon.

All the above named varieties, 1 oz., 35c. .10

Spenser Mixed 1 oz., 25c. .05

Eckford Mixed 1 oz., 15c. .05

SWEET SULTAN (See Centaurea).**SWEET ROCKET (See Rocket).****SWEET WILLIAM (Dianthus barbatus).**

H.B. Showy, of easy culture; splendid for beds and borders with their rich varied flowers.

Double-flowering, mixed 1/4 oz., 25c. .10

Diadem. A deep rich crimson with white eye 1/4 oz., 25c. .10

Newport Pink. Salmon rose-pink flowers, borne on long stems 1/4 oz., 35c. .10

Scarlet Beauty. Intensely rich deep scarlet 1/4 oz., 35c. .10

Holborn Glory. auricula-eyed 1/4 oz., 25c. .10

Single Annual. Mixed flower of good size, will bloom the first year. 1/4 oz., 25c. .10

Namus compactus fl. pl. Extra double dwarf mixed 1/4 oz., 25c. .10

THUNBERGIA. Finest Mixed. H.A.C.

Beautiful, rapid growing climbers. 5 ft. 1/4 oz., 50c. .10

TRITOMA. Express Early Hybrids.

H.H.P. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimson10

VALERIAN. (Garden Heliotrope). H.P.

Mixed colors, border plant, fragrant flowers, odor resembling that of the heliotrope. 2 1/2 ft. 1/4 oz., 30c. .10

VERBENA. H.A. The Verbena is a universal garden favorite, very few plants**VERBENA—Continued**

making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in.

Hybrida Mammoth.

Etna, large trusses of intense geranium red10

Lucifer, vivid scarlet10

Luminosa, pink shaded to salmon10

Dark Purple10

Mixed10

Lemon (Aloysia citricodora). Lemon scented leaves25

VERONICA (Speedwell). H.P. Spicata.

Mixed colors, a good rock garden plant. 1 1/2 ft. 1/2 oz., 50c. .10

VINCA. H.H.P. Splendid plants for bedding and edging; glossy dark green foliage and pretty pink and white flowers. 2 ft. Mixed colors...

1/4 oz., 60c. .10

VIOLA. (Tufted Pansies). Jersey Gem.

H.H.P. The flowers are a pleasing shade of deep violet blue50

VIOLET. Viola odorata. H.P. Sweet-scented Violet, blue, 6 in.

..... .10

WALLFLOWER, Early Wonder. H.A. If sown in heat during March these will flower during the Summer and Autumn.

Excellent for forcing 1/4 oz., \$1.00 .15

WILD CUCUMBER (See Echinocystis).**XERANTHEMUM (See Everlasting Flowers).****ZINNIA (Youth and Old Age). H.A.**

These well-known garden favorites are one of the most brilliant Summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.

Double Dahlia-Flowered. This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a decorative Dahlia.

Exquisite, light rose.

Golden State, rich orange yellow.

Scarlet Flame, bright scarlet orange blend.

Orole, orange and gold bicolor.

Dream, deep lavender to mallow purple.

Canary Bird, delicate shade of primrose.

Mixed.

Any of the above varieties... 1/8 oz., 35c. .20

Giant Mammoth or California Giants.

The great advantage of this type is that the very large flowers are of enormous size, are flat and graceful.

Cerise Queen, cerise rose.

Enchantress, light rose.

Lemon Queen, lemon orange.

Miss Wilmott, soft pink.

Orange King, cadmium orange.

Rose Queen, bright rose.

Scarlet Queen, glowing scarlet.

Mixed.

Any of the above varieties... 1/8 oz., 35c. .20

FLOWER SEEDS FOR DIFFERENT PURPOSES AND SITUATIONS

For description and prices, see general list.

CLIMBING VINES

Balloon Vine	Cypress Vine	Humulus	Kudzu Vine	Momordica	Thunbergia
Canary Bird Vine	Dolichos	Ipomoea	Lophospermum	Nasturtium	
Cobaea	Echinocystis	Lathyrus	Mimosa	Passiflora	
Convolvulus	Gourds	Kenilworth Ivy	Maurandia	Sweet Peas	

FRAGRANT FLOWERS FROM SEEDS

Alyssum	Dianthus	Mathiola	Nicotiana affinis	Sweet Pea	Verbena, Lemon
Asperula	(Hardy)	Mignonette	Polyanthus	Sweet Rocket	Violet
Carnations	Heliotrope	Mimulus	Scabiosa	Sweet Sultan	Wallflower
Cleome	Lavender	moschatus	Stock	Sweet William	

PLANTS ADAPTED FOR EDGING BORDERS

Ageratum	Bellis	Marigold	Nigella	Portulaca	Tagetes
Alyssum	Candytuft	Myosotis	Pennisetum	Pyrethrum	Viola
Armeria	Centaurea	Nasturtium	Petunia	Sweet William	Zinnia Lilliput
Begonia	Lobelia	Nemesia	Phlox, Dwarf	Sweet Pea, Cupid	

GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon	Begonias	Clerodendron	Ferns	Impatiens	Stevia
Acacia	Calceolaria	Clianthus	Francoa	Lantana	Stocks
Antirrhinum	Celosia	Coleus	Freesia	Primula	Streptocarpus
Angelonia	Celsia	Cyclamen	Gloxinia	Shamrock	Sweet Peas
Aralia	Chrysanthemum	Dracaena	Grevillea	Smilax	Trachelium
Asparagus	Cineraria	Geranium	Heliotrope	Solanum	Verbena

EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclinium	Globe Amaranth	Honesty, Lunaria	Rhodanthe	Statice	Xeranthemum
Edelweiss	Helichrysum				

ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus	Centaurea	Centaurea	Coleus	Euphorbia	Pyrethrum
Cineraria	candidissima	gymnocarpa	Corn, Rainbow	Kochia	aureum
maritima				Perilla	Richinus

PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone	Begonia,	Coreopsis	Digitalis	Mimulus	Polyanthus
Antirrhinum	Tuberous	(Hardy)	Ferns	Myosotis	Poppies (Hardy)
Aquilegia	Bellis	Cowslip	Hardy Primrose	Oenothera	Schizanthus
Auricula	Canterbury Bells	Delphinium	Linum	Pansy	Torenia
			Matricaria		Violet

ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma	Carnation	Dianthus	Hunnemannia	Phlox	Sweet Peas
Antirrhinum	Celosia plumosa	Didiscus	Larkspur	Poppies	Sweet William
Arctotis	Centaurea	Dimorphotheca	Lavatera	Salpiglossis	Verbena
Asters	Chrysanthemums	Eschscholtzia	Lupinus	Scabiosa	Wallflower
Calendula	Clarkia	Gaillardia	Marigolds	Statice	Zinnias
Calliopsis	Cosmos	Godetia	Mignonette	Stocks, Ten Week	
Candytuft	Dahlias	Gypsophila	Nigella	Sunflower	

HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea	Bellis	Digitalis	Helianthus	Phlox	Scabiosa
Aconitum	Bocconia	Echinops	Heuchera	Physalis	Silene
Adonis	Boltonia	Edelweiss	Hibiscus	Statice	Stokesia
Agrostemma	Callirhoe	Eremurus	Hollyhocks	Platycodon	Sweet William
Alstroemeria	Campanula	Erigeron	Incarvillea	Polemonium	Trachelium
Alyssum	Candytuft	Erysimum	Lathyrus	Polyanthus	Tritoma
Anchusa	Centaurea	Erinus	Linaria	Poppies	Trollius
Anemone	Cerastium	Eupatorium	Linum	Potentilla	Valeriana
Anthemis	Chelone	Gaillardia	Lobelia	Pyrethrum	Verbena
Aquilegia	Chrysanthemum	Galega	Lupinus	Rehmannia	Verbasicum
Arabis	Coreopsis	Gaura	Lychnis	Rocket	Veronica
Asperula	Cowslip	Grasses	Matricaria	Romneya	Viola
Aster	Delphinium	Gypsophila	Nierembergia	Rudbeckia	Violet
Aubrietia	Dictamnus	Helenium	Pansies	Salvia	Wallflower
Auricula	Dianthus		Pentstemon		

Description and prices of any of the above seeds will be found on pages 30-40.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Hippeastrum, New Hybrids. The finest race of Amaryllis in cultivation. Each, \$1.00; doz., \$10.00.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, Salmon, White, Yellow or Mixed. Each, 35c; doz., \$3.50; 100 \$25.00.

DOUBLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, Salmon, White, Yellow or Mixed. Each, 35c; doz., \$3.50; 100, \$25.00.

BOUSSINGAULTIA BASELLOIDES

(Madeira, or Mignonette Vine)

An old-fashioned popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 15c each; \$1.50 per doz.

CALADIUM ESCULENTUM

(Elephant's Ear)

Among the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks where their decorative value is greatly appreciated. To obtain the best results they should be planted where they will obtain plenty of water and an abundance of rich compost. When full size they stand six to ten feet high, and bear immense light green leaves three to four feet long by two and a half wide.

	Each
Large Bulbs .....	.30
First Size Bulbs .....	.20
Second Size Bulbs .....	.15

FANCY-LEAVED CALADIUMS

Few, if any, of the Summer foliage plants equal the Fancy-leaved Caladiums in their rich and gorgeous, yet soft, coloring. All the varieties are of marvelous beauty for the furnishing of the conservatory during the Summer months, or even for outdoor bedding in shady or semi-shady positions. Bulbs do best if started in pots, planting one bulb to a 6-inch pot. Bulbs should be planted and handled similar to suggested indoor culture of tuberoses and begonias.

Fancy-leaved Mixed Varieties. Each, 40c; doz. \$4.00; 100, \$30.00.

CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalog prices.

	Doz.	100
Fiery Cross. Very large, vivid scarlet. Foliage green. 5 ft.....	\$1.50	\$9.00
Hungaria. The ideal pink bedder; large trusses of flowers. 3 ft.	1.50	10.00
King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft.	1.50	10.00
Panama. An attractive rich orange-red, with edge of golden yellow. 3 ft.....	1.50	9.00
The President. A gorgeous green leaf variety with great trusses of orange-red flowers	1.50	9.00
Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage. 5 ft.....	1.50	10.00
Mixed Varieties	1.20	8.00

DAHLIAS

See page 44

DIELYTRA

(*Dicentra spectabilis*)

(Bleeding Heart or Seal Flower)

An old-fashioned favorite; its long raceme of graceful heart-shaped pink flowers are always attractive. It is used largely for forcing but is also excellent for the garden border and especially valuable for planting in the shade. Strong clumps, 75c. each; \$7.50 per doz.; \$60.00 per 100.

GLADIOLUS

See page 45

GLOXINIAS

A gorgeous plant either for the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15th. We offer extra fine large bulbs.

If wanted by Parcel Post, add 10c per doz.; 20c per 100.

	Each	Doz.	100
Purple	\$0.50	\$4.50	\$35.00
Rose .....	.50	4.50	35.00
Spotted .....	.50	4.50	35.00
Choice Mixed Colors .....	.50	4.50	35.00

IRIS, JAPANESE

The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

The large size of the flowers is noteworthy as they often reach 6 to 8 inches across in most fascinating combinations.

Gold Bound. Large, pure white, yellow center
Helen von Siebold. Reddish violet, veined white, three petals.

Oriole. Large double flowers of rich plum red shaded deep purple.

Pyramid. Violet-blue, veined white in center of each petal.

Templeton. Double light blue, mottled rose and white.

Victor. White, veined violet-blue, purple center.

Prices of the above, strong clumps, 3 for \$2.00; doz., \$7.00.

IRIS, SIBERIAN

Narrow, glossy foliage, delicate flowers on tall stems. Excellent for cutting as the blooms keep well in water and can be used with other flowers.

Sibirica orientalis. Purplish blue. 2 to 3 ft. 3 for \$1.50; 10, \$4.00.

Sibirica Perry's Blue. A large flower of clear blue with horizontal falls. 4 ft. 3 for \$2.50; 10, \$7.00.

Snow Queen. Flowers pure white. A strong growing variety. 3 for \$1.50; 10, \$4.00.

IRIS, GERMANICA

Ambassadeur. S. smoky velvet maroon. F. velvety purple; yellow bearded. One of the finest. Height, 48 inches. Each, \$1.00.

Caprice. S. rosy red. F. deeper rosy red. Height, 24 inches. Each, 30c.; doz., \$3.00.

Lent A. Williamson. Considered by many the finest variety ever raised in America. S. erect lavender violet, blended with yellow to ward base. F. rich royal purple, yellow beard. Height, 42 inches. Each, 50c; doz., \$4.50.

La Neige. Creamy white self with flaring fall petals. Height, 24 inches. Each, 35c; doz. \$3.50.

Lord of June. S. lavender blue. F. rich violet blue. Huge flower. Height, 40 inches. Each \$1.00; doz., \$10.00.

Lohengrin. A large beautiful pink silvery mauve flower. Each, 30c; doz., \$3.00.

Monsignor. Tall, large blossoms. S. bluish lavender. F. violet with white markings at throat. Flowers immense size. Blooms for a long time. Each, 30c; doz., \$3.00.

Mother of Pearl. S. light lavender blue with creamy undertone. F. slightly deeper lavender. Flowers of perfect form on well branched stems. Each, 50c; doz., \$5.00.

Proper Laugier. S. light bronze red. F. velvety ruby purple. White beard with yellow tip. Height, 36 inches. Each, 30c; doz., \$3.00

Prospero. S. pale lavender flushed yellow at base. F. deep red purple with light shading at edges. Height, 48 inches. Each, \$1.00; doz., \$10.00.

Sherwin-Wright. Clear golden yellow self. Free from any markings. Each, 30c; doz., \$3.00.

German Iris Mixed. A splendid collection of mixed varieties. Doz., \$2.00; 100, \$12.00.

LILIUM

(Summer Flowering Lilies)

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in

the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalog

Auratum (Golden-banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots, and striped through the centre a golden-yellow 3 to 5 ft. July, September. Extra large-flowering bulbs. Each, 40c; doz., \$4.00; 100, \$30.00.

Henryi. This beautiful and rare variety has been called the "Yellow Speciosum," the flowers being a rich apricot yellow with a few brown spots. Grows 3 to 5 ft. high, is perfectly hardy and invariably does well. August and September. Extra large bulbs, each 50c; doz., \$5.00; 100, \$35.00.

Regale (Myriophyllum). his new variety from Western China is admittedly one of the most beautiful garden Lilies yet introduced. It grows 3 to 5 ft. high and blooms out of door in July. It is perfectly hardy, and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory-white, shaded pink, tinged with canary yellow at the base of the petals. Strong flowering bulbs, each 35c; doz., \$3.50; 100, \$25.00.

Speciosum Magnificum. Magnificent large flowers ivory white, suffused rosy-crimson. August and September. Extra large flowering bulbs. Each, 40c; doz., \$4.00; 100, \$30.00.

Speciosum Rubrum or Roseum. A very popular variety. Rosy-white heavily spotted with rich crimson spots. August and September. Extra large flowering bulbs, each, 40c; doz \$4.00; 100, \$30.00.

Superbum Swamp or American Turk's-cap Lily). A beautiful native variety, bright reddish-orange spotted; 3 to 6 ft.; August Each, 25c; doz., \$2.50; 100, \$18.00.

Tigrinum Splendens (Improved Tiger Lily). Bright orange-red, spotted with black; very showy; 4 to 5 ft.; Summer. Each, 25c; doz. \$2.50; 100, \$18.00.

TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May.

	Each	Doz.	100
Double Pearl. Extra fine bulbs	\$0.15	\$1.25	\$8.00
Single. The single ever-blooming Tuberose .....	.15	1.25	8.00

DAHLIAS "The Glory of Autumn"

There is little question why the Dahlia has gained in popularity. Largely because of its easy culture, its wealth of color, and its diversified form, it is one of the most popular green plants we have today.

You should look upon them as triumphs of the breeder's art, when you realize that the modern varieties have been evolved from several wild species, growing in high altitudes in Mexico. It has been known to horticulture for upwards of one hundred fifty years, and today we find over 8,000 names of recognized varieties.

The collection below offers a variety of beautiful colors and types with strong stems, extending over a long blooming period—robust, reliable; repaying a small amount of care with a wealth of bloom at a season when the rest of the garden is almost without color.

Sunset Glow, S. C. 6 x 3, Bush 4½ ft. Yellow at base of petals, suffused scarlet and tipped yellow.

Mrs. L. De Ver Warner, Bloom 10 x 3, Bush 6 ft. No dahlia planting should be without this universal favorite. Color, a clear, bright lilac rose. The plant is a strong open grower, and the giant flowers can be produced on stem up to 5 feet in length by pruning and disbudding.

Sagamore, c g e, Bloom 7 x 3½, Bush 5½ ft. This dahlia is a wonderful commercial and exhibition variety. Color, amber gold, elusively shaded with a warm salmon rose and orange buff. An open, strong grower with good stems, of uniform large size.

Earle Williams, c g e, Bloom 8 x 4, Bush 5½ ft. One of the best bi-colored dahlias. A pleasing scarlet distinctly tipped white with an occasional bloom solid red. Flowers deep and large with full centres of regular form on erect stems.

Jane Cowl, Bloom 10 x 6, Bush 5½ ft. Color, a warm buff and old gold, blending to apricot and rose at the centre. Bush growth is ideal with strong stems holding the giant flowers upright.

Pride of California, Bloom 6 x 3½, Bush 5½ ft. A large crimson red shading darker at the center, which is very full; petals notched. Profuse bloomer on good stems.

Mae Grefe, Bloom 7 x 3 S. C. Blush pink tinted cream; of good form, an upright grower, splendid stems, a summer bloomer.

Jersey's Beauty, Bloom 6 x 4, Bush 6½ ft. Probably the most popular of any dahlia especially as a cut flower. The ideal pink for exhibition. Large, deep flowers of perfect form on long stems. Free, early bloomer with exceptional keeping qualities.

Jersey's Beacon, Bloom 9 x 4, Bush 4½ ft. The most spectacular of the Jersey family. Color, bright scarlet with a buff reflex, giving a two-tone effect. A free, early bloomer of extremely massive proportions with sturdy stems.

Attraction, Bloom 7 x 3, Bush 5 ft. Elegant flower of a clear lilac rose, borne on long stiff stems and a Dahlia of exceptional merit.

40c Each—3 for \$1.00

HIGH SPOTS OF CULTURE

Do not plant Dahlias in the shade.
Do not plant them too close to trees, shrubs or buildings.

Do not plant them too early—mid-May is best in the North.

Do not allow more than one shoot to grow from the tuber.

Do not allow more than one flower on each stem.

Do not use nitrogen fertilizers.

Do not pull the clumps—DIG them.

Do not allow tubers to dry out in storage.

AND

Cultivate, water, fertilize, disbud, and consequently gather the gorgeous blooms in payment for this little care.

GLADIOLI

For charm and color few other flowers compare with Gladioli, their adaptability to garden decoration or to use as cut flowers during the summer and early autumn is surpassed by no other flower. They thrive in almost any good garden soil but better results may be had if the soil is well prepared and enriched with pulverized sheep manure. The tall green stems fairly burst with color and provide a luxuriance of rainbow beauty. If cut as soon as the first one or two flowers are open they will last for ten days in the house, provided the faded flowers are removed and a little of the stem is cut and the water changed daily. Plant bulbs 4 inches deep and 4 inches apart, cultivate frequently and water freely.

Four Leading Varieties

	Each	Doz.	100
No. 1.—Golden Measure. Tall spike with many large, pure golden yellow flowers, several of the flowers are in bloom at one time; a winner at exhibitions.....3 for 35c.		\$1.25	\$8.00
No. 2.—Minnet. This variety has created a sensation in the show room for several seasons; color, light lavender, with four to six large, heavy blooms open at one time.....\$0.25		2.50	15.00
No. 3.—Dr. F. E. Bennett. Peach red overlaid flame color, throat finely stippled ruby and white.....3 for 30c.		1.00	7.00
No. 4.—W. H. Phipps. La France pink, overlaid light rose salmon; one of the finest exhibition varieties.....	.15	1.35	9.00

Standard Varieties

The list of Gladioli offered below comprises our choice of all those in the field after studying and comparing the merits of hundreds of varieties, consideration being given to healthy growth, size and form, coloring, substance of flowers perfectly faced on strong, straight, upright stems. We therefore believe this selection of up-to-date named gladioli is the best of recent introduction as well as the most popular standard varieties.

Mrs. Frank Pendleton. The flowers are of largest size, borne on strong straight spikes. In color a lovely salmon-pink with brilliant deep red blotches in the throat.

Mrs. Francis King. Brilliant flamingo-pink, blazed with vermilion-red. Popular variety on account of its attractive color. Splendid for mass effects. Flowers are large in size, well placed on strong, tall spikes.

Crimson Glow. One of the best scarlet varieties, throat overlaid with a velvety scarlet blotch.

Le Marechal Foch. A beautiful delicate pink the finest variety of its color in existence.

Scarlano. Scarlet blotched ox-blood red in throat; beautifully ruffled; a fine acquisition.

Herada. Blooms of immense size on tall straight spikes; color, pure mauve shading to pink in throat.

Mr. Keur. Peach blossom pink, yellow blotch in throat, large flowers.

Mrs. Watt. Rich velvet red, six to eight flowers open at one time.

Mrs. Dr. Norton. Very large flowers well set on a tall and graceful spike with 4 to 8 flowers in bloom at one time. Color, white, with edges of petals suffused with soft La France pink; all grower; splendid cut flower variety.

Mrs. F. C. Peters. A beautiful shade of rose-lilac with soft crimson blotch. Very large

flowers on long stems.

Evelyn Kirtland. The flowers, of strong substance, are a beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center with brilliant scarlet blotches on the lower petals.

Flora. A clear golden yellow variety; a strong grower with large spikes of flowers of immense size; a splendid cut flower variety.

Byron L. Smith. Lavender pink on white ground. This variety is often referred to as the "Orchid Colored Glad." It grows with good form and the stems are rather slender which adds to its grace.

Mrs. Leon Douglas. Begonia-rose, striped with flame-scarlet, lower petal pale lemon, speckled ruby. Tremendously large flowers, many open at a time. Very tall, strong stem with several side-shoots, the whole forming a gigantic bouquet.

Muriel. Beautiful pure lilac-blue, with deeper blotch in flame-scarlet throat on lower petals. Many perfectly placed flowers open combination at a time on tall, erect stems. A rare beauty. 20c each.

Los Angeles. Delicate salmon-pink with bright cerise markings in the throat, a strong vigorous grower.

8c Each—75c Dozen—\$4.00 Per 100

ROSES

Four Recent Introductions

Mevrouw G. A. Van Rossem—Buds dark orange or apricot, with background of golden yellow, and retain a most marvelous hue of golden salmon and light orange upon opening; reverse of petals generally deep bronze.

Lady Margaret Stewart—A large exhibition bloom with enormous petals. It is of perfect form, with a high-pointed center golden yellow, shaded and streaked with orange and red.

President Herbert Hoover—Large flowers of a very charming combination of cerise-pink, flame, scarlet, and yellow with broad, thick petals; very fragrant

Talisman—Brilliant red and gold buds opening to well-shaped blooms of scarlet-orange and rich yellow. Constantly in bloom.

75c Each

Amelie De Greiff—Light Shell and Salmor Pink

Betty—Pale Bluff Pink.

Columbia—Clear Rose Pink

Cleveland—Old Rose Coppery Pink

Crimson Queen—Velvet Red

Duchess of Wellington—Saffron Yellow

Etoile de France—Crimson Red

E. H. P. Kingma—Deep Apricot and Orange Yellow

Frank W. Dunlop—Bright Carmine Rose Pink

Francis Scott Key—Deep even Red

Florence Pemberton—Peach Pink

George C. Wand—Orange Red Vermillion

General McArthur—Brilliant Crimson Red

Gruss & Teplitz—Deep Crimson Red

Gorgeous—Deep Orange Yellow

Jonkheer J. L. Mock—Carmine Rose-Silvery White

K. A. Victoria—Lemon White

Konigen Carola—Soft Silvery Pink

Killarney Pink—Scarlet Pink

Lady Alice Stanley—Carol Pale Flesh Pink

Lady Ashtown—Pale Carmine Pink

Lady Pirrie—Coppery Reddish Salmon Yellow

Laurent Carle—Brilliant Velvet Carmine Red

Los Angeles—Luminous Flame Yellow Pink

Louise C. Breslau—Coral Red with Chrome Yellow

La France—Bright Pink

Lady Ursula—Silvery Pink

Marie Adelaide—Copper Yellow

Miss Lolita Armour—Chrome Yellow Shading to Orange

Miss Cynthia Ford—Brilliant Rose Pink

Madam Borden Job—Canary Yellow

Madam Butterfly—Yellow Pink

Mary C. of Ilchester—Deep Rose Pink

Madam Leon Pain—Silvery Flesh Pink

Mrs. Ambrose Ricarde—Light Yellow Suffused in Pink

Madam E. Herriot—Coral Red Shaded with Yellow

Madam Jules Bouche—Pearly White

Madam Segond Weber—Rosy Salmon Pink

Marquis de Gannay—Bright Silvery Pink

Mrs. Aaron Ward—Indian Yellow

Mrs. A. R. Waddell—Apricot Yellow with Orange

Mrs. George Shawyer—Clear Rose Pink

Ophelia—Salmon Pink and Yellow

Pharisaer—Rosy White

Pax Labor—Light Yellow, Very Double

Prince de Bulgarie—Silvery Flesh and Saffron Yellow

Queen of Fragrance—Shell Pink Tipped with Silver

Radiance—Light Silvery Flesh Pink

Red Radiance—Deep Rose Pink

Rose Marie—Clear Rose Pink

Sov de Claudis Pernet—Sunflower Yellow

Sov de Pres Carnot—Rosy Flesh Shaded White

William F. Dreer—Shell Pink with Yellow

Willowmere—Carmine and Rich Salmon Pink

Wm. R. Smith—Blush White Pink

HYBRID PERPETUAL JUNE ROSE

Frau Karl Druischki—Pure Snow White

George Dickson—Velvet Blk. Scarlet Crimson Red

HARDY CLIMBING ROSE

Bess Lovett—Light Crimson Red

Climb. Amer. Beauty—Medium Pink

Climb. Carline Testout—Satiny Rose Pink

Climb. K. A. Victoria—Lemon White

Dr. W. Van Fleet—Delicate Flesh Pink

Emily Gray—Deep Golden Buff

Gardenia—Creamy Yellow

Mary Lovett—Waxy White

Mary Wallace—Bright Pink

Pauls Scarlet Climber—Scarlet Red

Silver Moon—Silvery White with Bright Yellow

50c EACH

ROCK GARDEN PLANTS

Botanical Name	Common Name	Color	Height inches	Blooming Time
<i>Achillea tomentosa</i>	Woolly Yarrow	Yellow	6-8	July-Sept.
<i>Alyssum rostratum</i>	Yellowhead Alyssum	Yellow	12	June-Aug.
<i>Alyssum saxatile</i>	Goldentuft	Yellow	12	April-May
<i>Anemone pulsatilla</i>	Pasqueflower	Lilac	12	April-May
<i>Aquilegia caerulea</i>	Colorado Columbine	Blue and White	18	May-June
<i>Arabis alpina</i>	Rockcress	White	5	April-May
<i>Armeria formosa</i>	Cushion Pink	Pink	12	Spring-Fall
<i>Aster alpinus</i>	Rock Aster	Blue	6	May, June
<i>Aster Mauve Cusion</i>		Mauve	9	October
<i>Aubretia hybrids</i>	False Rock Cress	Pink-Blue-Lav.	6	April, May
<i>Baptista australis</i>	Wild Indigo	Dark Blue	24	June
<i>Campanula carpatica</i>	Bellflower	Light Blue	8	July, Aug.
<i>Cerastium tomentosum</i>	Snow-in-summer	White	12	May, June
<i>Chrianthus allioni</i>	Siberian Wallflower	Orange	12	May-Midsummer
<i>Dianthus caesius</i>	Cheddar Pink	Rose	12	June, July
<i>Dianthus deltoides</i>	Maiden Pink	Pink	15	May, July
<i>Dianthus plumarius</i>	Grass Pink	Pink to White	18	All Summer
<i>Dicentra eximia</i>	Fringed Bleedingheart	Pink	24	All Summer
<i>Dicentra spectabilis</i>	Bleedingheart	Pink	24	April-June
<i>Erinus alpinus</i>	Liver-balsam	Rosy Purple	6	April-June
<i>Gypsophila repens</i>	Creeping Gypsophila	White	6	June-July
<i>Helianthemum mutabile</i>	Fickle Sunrose	Pink	12	April
<i>Heuchera brizoides</i>	Pinkbells	Pink	18	May-Sept.
<i>Hypericum mosianum</i>	Goldflower	Golden Yellow	18	June-Sept.
<i>Iberis gibraltarica</i>	Gibraltar Candytuft	Lilac	12	May-June
<i>Iberis Sempervirens</i>	Evergreen Candytuft	White	10	April, May
<i>Limonium latifolium</i>	Bigleaf Sea-Lavender	Blue	24	Aug., Sept.
<i>Lychnis alpina</i>	Arctic Campion	Pink	6	May
<i>Lychnis viscaria</i>	German Catch-Fly	Crimson	24	June, July
<i>Myosotis alpestris</i>	Forget-me-not	Pale Blue	8	May, June
<i>Myosotis scorpioides</i>	Forget-me-not	Pale Blue	12-18	May, June
<i>Nepeta mussini</i>		Mauve	12	All Summer
<i>Pachysandra</i>		Greenish-white	6-9	May or June
<i>Phlox amoena</i>		Bright Pink	4-6	April-May
<i>Phlox Sublata</i>	Moss Pink	Pink	4-6	April, May
<i>Primula acaulis</i>	English Primrose	Lemon Yellow	6-12	April, May
<i>Primula denticulata</i>	Himalayan Primrose	Purple	10-12	April, May
<i>Saxifraga cordifolia</i>	Hearleaf Saxifrage	Pink	12-15	April, May
<i>Saxifraga macabiana</i>	White, spotted red		12	May, June
<i>Sedum acre</i>	Goldmoss	Bright Yellow	2-3	May, June
<i>Sedum album</i>	White Stonecrop	White	2-3	May-July
<i>Sedum hispanicum</i>	Spanish Stonecrop	Pinkish White	3-4	June, July
<i>Sedum reflexum</i>	Jenny Stonecrop	Yellow	2-3	July
<i>Sedum Sieboldi</i>	Siebold Stonecrop	Rose-pink	9	Aug., Sept.
<i>Sedum spectabile</i>	Showy Stonecrop	Pink	18	Aug., Sept.
<i>Sempervivum arachnoideum</i>	Spiderweb Houseleek	Red	6	May, June
<i>Thymus album</i>	White Mt. Thyme	White	3-4	June, July
<i>Veronica teucurium</i>	Hungarian Speedwell	Blue	6-12	May-June
<i>Veronica rupestris</i>	Rock Speedwell	Deep Blue	4	May, June
<i>Veronica repens</i>	Creeping Speedwell	Blue	2-4	May
<i>Vinca Minor</i>	Periwinkle	Lilac Blue	8	April, May
<i>Vinca Minor alba</i>	Periwinkle	White	8	April, May
<i>Viola cornuta</i>	Tufted Pansy	Blue	6-8	All Summer

LIST OF SHRUBS FOR FOUNDATION PLANTING

Numbers in column at left of table refer to locations to which each shrub is best adapted. Below is an explanation of each key number.

1. Accent. Used at house corners and at intersection of house and porch.
2. Used at front corners of front porch.
3. Next to foundation between accent points.
4. Dwarf edging plants.
5. Used in mixed plantings of shrubs and evergreens.

Key No.	Name of Plant	Ultimate height in feet	Color of Bloom	Season of Bloom
2-5	<i>Berberis thunbergi</i> (Japan Barberry)	3-4	Red Berries	Fall
2-4-5	<i>Deutzia gracilis</i>	2-3	Pink	July
2-4	<i>Deutzia lemoinei</i>	3-4	White	July
1-3	<i>Kerria japonica</i>	5-6	Yellow	June
3	<i>Kerria</i> (white)	4-5	White	July
3-5	<i>Ligustrum ibota</i> (Ibota Privet)	4-5	No bloom	
3-5	<i>Ligustrum ibota regelianum</i> (Regal Privet)	4-5	No bloom	
1-3	<i>Lonicera fragrantissima</i>	4-5	Yellow	May
1	<i>Philadelphus lemoinei</i> (Mockorange)	5-6	White	July
3	<i>Rosa rugos alba</i>	4-5	White	Periodic
3	<i>Rosa rugosa rubra</i>	4-5	Red	Periodic
2-4	<i>Rose F. J. Grootendorst</i>	2-3	Red	Periodic
3	<i>Spiraea arguta</i>	4-5	White	May
2-4-5	<i>Spiraea Anthony Waterer</i>	2-3	Red	July
3	<i>Spiraea billardi</i>	4-5	Pink	June
2-4	<i>Spiraea callosa alba</i>	2-3	White	July
3-4	<i>Spiraea froebeli</i>	3-4	Pink	July
1-3	<i>Spiraea prunifolia</i>	5-6	White	June
1	<i>Spiraea reevesiana</i>	5-6	White	June
2-4-5	<i>Spiraea thubergi</i>	3-4	White	June
1-5	<i>Spiraea vanhouttei</i>	5-6	White	June
1-5	<i>Symphoricarpos racemosus</i> (Snowberry)	4-5	White Berries	August
3-5	<i>Symphoricarpos vulgaris</i> (Coralberry)	4-5	Red Berries	August
1	<i>Weigela amabilis</i>	5-6	Flesh	July
1	<i>Weigela rosea</i>	5-6	Pink	July
3-5	<i>Weigela Eva Rathke</i>	3-4	Red	July

EVERGREENS FOR FOUNDATION PLANTING

This table keyed same as shrub table

Key No.	Name of Evergreen	Ultimate Height in Feet	General Characteristics
1-5	Arborvitae, American (Thuja occidentalis)	20	A beautiful plant; vigorous grower, bushy.
2-3-4-5	Arborvitae, Pyramidal (T. occidentalis globosa)	2-3	Grows in low, thick globe form.
2-3-4-5	Arborvitae, Compact (T. orientalis compacta)	2-3	Low, somewhat pyramidal, compact grower.
1-5	Arborvitae, Pyramidal (T. occidentalis pyramidalis)	15	Same as American except pyramidal in shape.
2-3-5	Arborvitae, Hovey (T. occidentalis hoveyi)	3-4	Dwarf, globular outline; golden green foliage.
3-5	Arborvitae, Siberian (T. occidentalis siberica)	10	Very hardy, compact and broad pyramidal.
3-5	Arborvitae, Tom Thumb (T. occident. ellwangeriana)	2	Very small and of slow growth
1-3	Juniper, Irish (Juniperus communis hibernica)	5-8	Erect, dense, narrow grower.
2-4	Juniper, Pfützer (J. pfützeriana)	3-4	Dwarf, horizontal grower; feathery foliage.
4	Juniper, Prostrate (J. communis depressa)	1-2	A trailing evergreen.
4-5	Juniper, Savin (J. sabina)	2-3	Spreading branches; dark green foliage.
1-3	Juniper, Swedish (J. communis suecica)	5-8	Like Irish Juniper; a little more bushy.
4	Juniper Tamarix Savin (J. tamariscifolia)	1-2	Trailing variety.
2-4	Pine Mugho (Pinus montana mughus)	2-3	Low, dense, globe shaped grower.
3-5	Retinospora, Goldenplum (Chamaecyparis pisifera plum. aurea)	10-15	Bushy, feathery, yellowish foliage.
3-5	Retinospora, Plume (Chamaecyparis pisifera plumosa)	10-15	Bushy, feathery, blue-green foliage.
2-3-4	Yew, Dwarf Japanese (Taxus cuspidata nana)	2-3	Spreading variety dwarf growth, dark green.
3	Yew, Upright (Taxus cuspidata) May be kept low by clipping.	3-6	As above, but more upright growth.

FIELD SEED

CLOVERS

(Subject to Variation in Price)

Red Clover. Medium (*Trifolium pratense*). Price variable, 60 lbs. to bushel.

Red Clover, Large or Pea Vine. Price variable.

Alfalfa or Lucerne. Requires a deep rich soil, and in such will produce several crops every season. Fifteen pounds to the acre.

Alsike or Swedish (*Trifolium hybridum*). Ten pounds to the acre.

Crimson or Italian (*Trifolium incarnatum*), sown in Autumn, it furnishes an early fodder and is excellent for soiling. Twenty pounds to the acre. Price variable.

SPRING WHEAT, 60 lb. Bushel

Marquis Spring. This variety has been grown with great success for a number of years in Canada, and is very highly recommended, is beared, yields well and the kernels are larger than those of other Spring varieties. Market price.

WINTER WHEAT, 60 lb. Bushel

Red Mediterranean. (American). This is the imported variety fully acclimated and is a standard wheat. The heads are beared and well filled. It succeeds well in nearly all localities and ripens early.

OATS, 32 lb. Bushel

Swedish. Very popular and standing well until fully ripe.

SPRING AND WINTER RYE, 56 lbs. to Bushel

FIELD PEAS, 60 lbs. to Bushel

Canadian Field Peas. Valuable for Northern climates for cattle-feeding and for green soiling. Sow 3 bus. per acre alone, or 1½ bushels with 1 bu. oats.

VETCHES, 60 lbs. to Bushel

Vetches, or Tares, Spring (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills.

Vetches, or Tares, Winter (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. A great soil improver, and a nutritious green fodder or hay crop. For Fall sowing. Sow 1 bushel per acre, with 1 bushel of rye.

BUCKWHEAT, 48 lbs. to Bushel

Japenes. Earlier, more prolific and yields nearly double the weight per acre of other sorts.

Golden or German Millet. This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured. Three pecks to the acre. Per bushel of 48 lbs. Market Price.

Japanese Millet. Frequently as high as 12 tons of green food have been obtained from an acre. It is somewhat coarse in texture, growing sometimes as high as 8 feet; it is, however, ideal for silo or hay purposes. If sown early in May, it may be cut twice in one season. Sow 12 lbs. per acre broadcast. 32 lb. per bushel. Market Price.

Hungarian Grass. A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three pks. to the acre. Per bushel of 48 lbs. Market Price.

MEADOW AND PASTURE SEED

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying condition of our climate and soils.

MEADOW MIXTURE FOR ONE ACRE

No. 1. On Good Land

Neither Too Dry nor Too Wet

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

No. 2. For High and Dry Land

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

No. 3. On Wet Land

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

PASTURE MIXTURE FOR ONE ACRE

No. 4. On Good Land

Neither Too Wet nor Too Dry

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

No. 5. On Dry Land

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

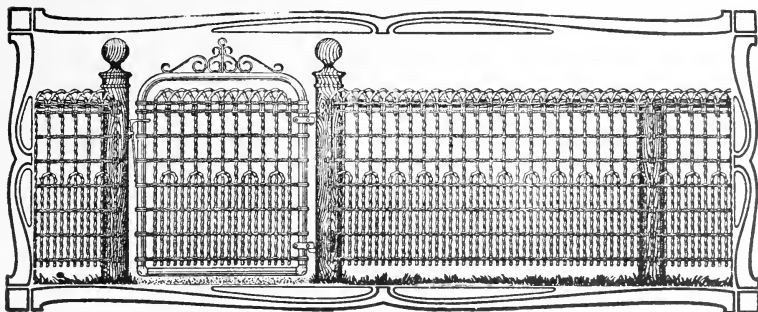
No. 6. On Wet Land

Price \$15.00 for 40 lbs. Sow 40 lbs. to the acre.

GARDEN SUPPLIES

Ornamental Gates are made to match any of our styles of fabric.

36x36 Plain	\$3.00
42x36 Plain	3.50
36x36 Fancy	3.75
42x36 Fancy	4.00
42x42 Fancy	5.00
48x36 Fancy	4.50
42 in. x 10 ft.....	10.00



FENCING

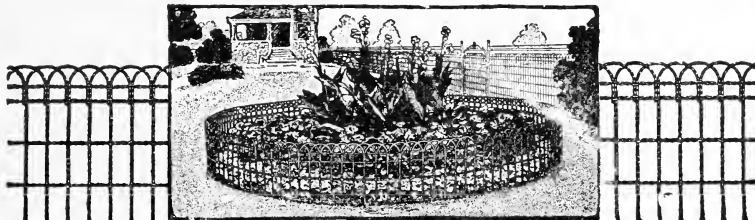
STYLE 100 WITHOUT LOWER WEAVE

36 inches high.....	11c lineal foot—Roll 8c ft.
42 inches high.....	13c lineal foot—Roll 10c ft.

Our Ornamental Fences are exclusive in design, and embody many highly meritorious features not to be found in those of any other manufacture.

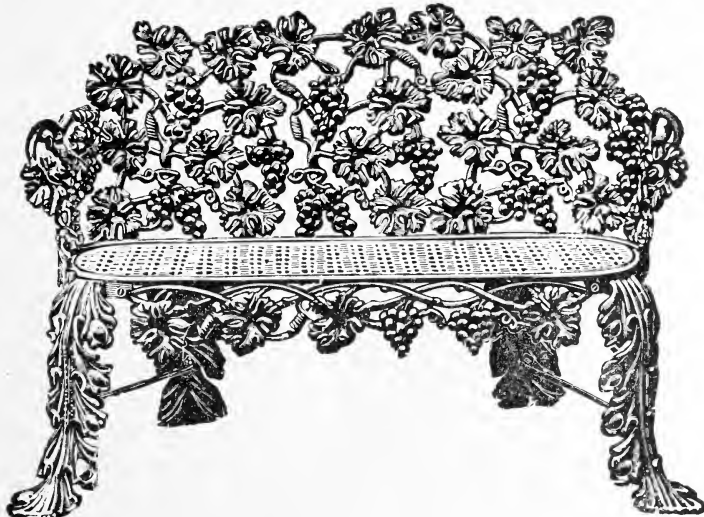
STYLE 600—SAME AS CUT ABOVE

36 inches high.....	14c lineal foot—Roll 12c ft.
42 inches high.....	15c lineal foot—Roll 13c ft.
48 inches high.....	18c lineal foot—Roll 14c ft.



FLOWER BED GUARD

A neat, artistic, and inexpensive fabric for the protection of flower beds. Also much used for lawn and curbway border. Can be readily taken up and used from year to year, cut off to length required, and the ends hooked together when set. 22 inches, 10c per ft.; Roll, 8c per ft.; 16 inches, 9c per ft.; Roll 7c per ft.



National Farm Fence

45 inches	\$6.00
32 inches	5.50

(10 rods to roll)

National Poultry Fence

48 inches	\$6.50
58 inches	7.98

(10 rods to roll)

Cemetery Settees, Chairs, Urns, Etc.

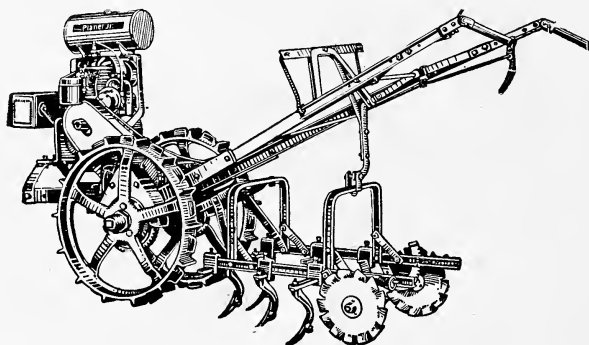
(Prices on Request)

Planet Jr. Garden Tools

THE New Planet Jr.

The New Planet Jr. is of exclusive design; an improved model built and guaranteed by Planet Jr. engineers as the nearest approach to an "All Purpose Tractor." It is easily adjustable to various needs—from fine work in narrow rows to the pull of a 6" to 8" plow under average soil conditions. Swift, accurate and efficient to a high degree, it pays for itself in service performed in a short time. We suggest that you stop in and see one of these new models next time you are in the neighborhood.

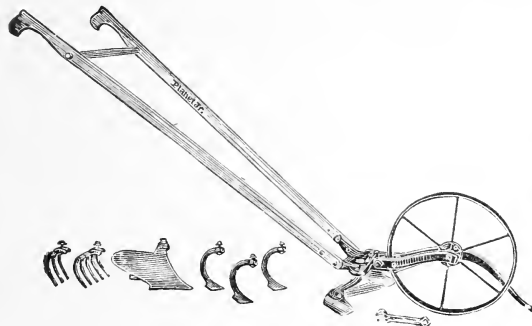
MOTOR CULTIVATOR



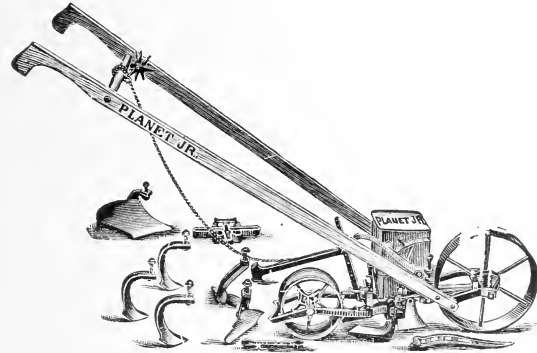
- No. 300 Seeder**—Is a very efficient plate seeder 'ntended primarily for the market gardener and large vegetable grower. It is designed for any soil—heavy, sandy, or muck—and will do excellent work in either. Price \$20.00
- No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe Combined**—Here is "The complete gardener." Price \$21.50
- No. 12 Double and Single Wheel Hoe Combined**—The No. 12 is a great favorite with home gardeners and market gardeners. Used as a Double Wheel Hoe it straddles the row until plants are 20 inches high. Price..... \$10.75
- No. 11**—Same as No. 12 with a pair of 4½ inch hoes and two pairs of rakes added to the above equipment. Price \$13.75
- Fire Fly Garden Plow**—Very useful for plowing up the home garden or plowing up poultry yards. Price 4.25
- No. 7 Horse Hoe**—Designed to do a great variety and better work than any other Horse Hoe available for your use. Price..... \$15.75
- No. 8 Horse Hoe and Cultivator Combined**—Complete with a depth regulator. Price.....\$16.25
- No. 82 Seven-Tooth Horse Hoe and Cultivator Combined.** Price\$15.75
- No. 90—Twelve-Tooth Harrow, Cultivator and Pulverizer**—A harrow that has proved its time and labor saving value to commercial growers. Price\$17.00
- No. 90B**—Same as the No. 90, less the pulverizer. Price\$13.75
- No. 90D**—Same as the No. 90, less pulverizer and steel wheel. Price\$10.75
- No. 101—Plain Cultivator**—The No. 101 is simple, strong and easily handled. Light so that the operator can lift the cultivator and work the side of the ridge, close under the leaves. Price \$11.00

Planet Jr. Garden Tools

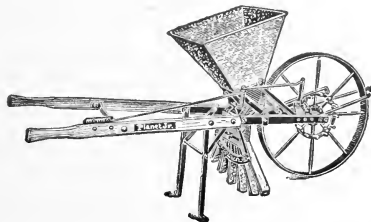
Planet Jr. tools are designed and built to do a greater variety of work and do it better than any others available for the use of the home gardener, market gardener, trucker, and general farmer.



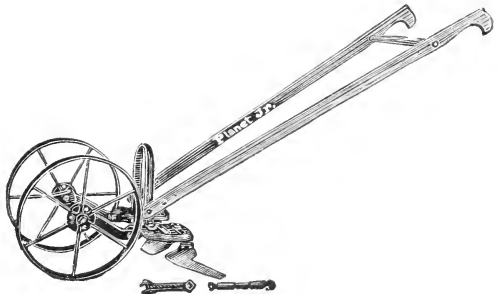
No. 16 Single Wheel Hoe—Here is a very complete, light running cultivating tool suitable for either the home or market garden\$9.00



No. 4 Hill and Drill Seeder and Single Wheel Hoe—Here is a wonderful combination for the home gardener or the small market gardener\$18.00



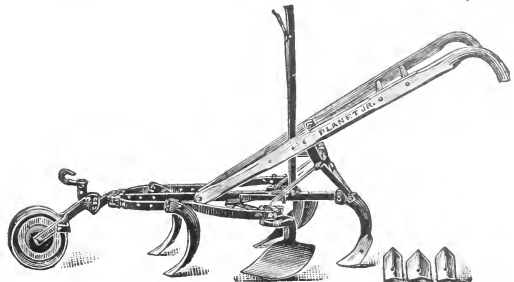
No. 220 will distribute fertilizer in the middles of three rows 12 to 14 ins. apart; it will side-dress 1 side each of 2 rows up to 36 ins. apart\$27.00



No. 13—A double and Single Wheel Hoe combined with a pair of 6-inch hoes only. The hoes are sure death to weeds.....\$8.00



No. 119 Garden Plow and Cultivator—For those who prefer a high wheel garden cultivator\$4.75



No. 9 Horse Hoe—The No. 9 is a valuable practical tool; identical with No. 7 except that it has a plain wheel instead of a lever wheel. Popular because of its strength, lightness, easy change of width and perfection of work\$14.25

GARDEN SUPPLIES

Bamboo Stakes

BAMBOO

These Stakes are very strong and durable.

Natural Color.

4 feet, per doz., 75c.; per 100, \$4.00.

6 feet, per doz., 80c.

8 feet, per doz., \$1.25; per 100, \$8.00.

Green.

30 inches, per doz., 25c; per 100, \$1.25; per 1,000 \$7.00.



BLOOMAID

Use it in the vegetable garden, around shrubs and to enrich the soil in window boxes and flower pots.

Fifteen times as rich as manure; does not bring in weed seed or the spores of plant diseases.

Bloomaid Prices

Tablet Form (125 Tablets)\$.25

Liquid Form (8-oz. Bottle)50

Pulverized Form:

1-lb. Can25

5-lb. Container50

25-lb. Bag 1.75

100-lb. Bag 5.00

Labels Pot

Pot Labels

Inch 1,000

4\$ 1.70

5 2.00

6 2.50

8 6.50

10 10.00

12 13.25

Tree, 3½ inch copper wired, painted, per 100. 50c; 500, \$1.50; 1,000, \$2.50.



FOR BETTER FLOWERS AND MORE OF THEM

Use good seed, bulbs and plants and feed them Vigoro the complete, balanced diet. Feed your lawn vegetables, shrubs, and trees, too.

Clean, odorless, easy to use, and economical.

VIGORO

Complete plant food

IMPORTED GRANULATED PEAT MOSS TORF MULL

Assures better lawns and gardens. It will lighten and make more friable clay soil and will help to retain the moisture in sandy soil. Use it wherever a mulch is needed.

Twine

Bunching Twine

For bunching carrots, beets, radish, etc., Has 50-2 ply ends. On reels of about 50 lbs. (Extremely low price to market gardeners).

Raphia

Has great strength and is not affected by outdoor exposure. Also much used for basket-making. Natural color only.

Wooden Stakes

Stakes—Round Green Tapering

Heavy

Length	Doz
4 feet	\$1.50
5 feet	2.00
6 feet	2.50

Light

Length	Doz
2 feet	\$0.50
3 feet .....	.90
4 feet	1.25



Wire-Hanging

Green finish, strong and well-made, just the thing for decorating piazzas of hotels and summer residences.

Size	Each	Dozen
8 inch	30c	\$3.00
10 inch	40c	4.00
12 inch	50c	5.00
15 inch	65c	6.50

Water Pots

Regular

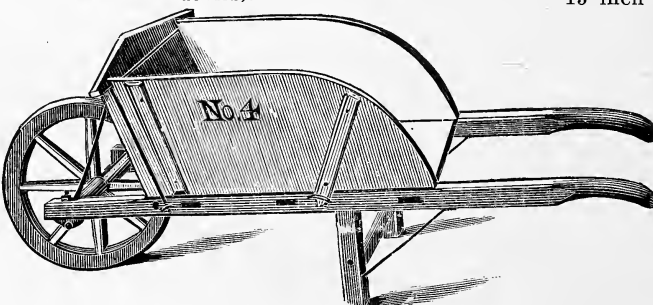
4 qt.Capacity	\$.69
6 qt.Capacity	.75
8 qt.Capacity	.85
10 qt. Capac.	.98
12 qt. Capac.	1.25
16 qt. Capac.	1.48

Green Japanned

1 qt.Capacity	\$.40
2 qt.Capacity	.48
4 qt.Capacity	.60

Fancy Lq.

Spout (Colored) 1 qt. 1.00



Wheelbarrow

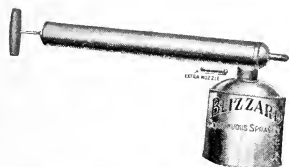
This barrow is light, strong and durable; is made of selected material, has steel wheel and axle, and is well painted. While its carrying capacity is from 300 to 500 lbs., its weight is less than 50 lbs. Fully warranted to stand rough usage and garden use. Does not sink into soft ground.

SPRAYERS



**VERMOREL
NOZZLE**

Two caps for fine or coarse spray. Impossible to clog, as obstructions are forced out with spring needle. For spraying trees, shrubbery, etc. Price, \$1.25. Transportation paid.



CONTINUOUS ATOMIZER

This Atomizer will spray insecticide in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. All Brass, 1 qt., with legs, \$1.25.



AUTO-POP

This patented device is a most convenient automatic shut-off attachment. Light pressure on lever turns spray on; releasing pressure shuts it off. Unlike stop-cock, can be operated by one hand. Saves solution and reduces labor.



It's Double Acting
The Same Spray With Half The Labor

Use With Any Pail or Bucket
AUTO-SPRAY NO. 5 is generally acknowledged to be the most powerful pump of this type manufactured, generates a pressure of 200 lbs. with remarkable ease. Throws continuous. Specifications solid brass throughout. Price \$3.98.

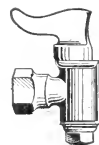


DOUBLE BOTTOM - DOUBLE RIFLE

SPRAYER

Complete as shown Tank in galvanized steel or solid brass. Large brass 2 inch pump cylinder. The best compressed air sprayer made.

Galvanized\$5.48
Brass\$8.48



**BORDEAUX
NOZZLE**

Throws long distance spray, a solid stream or a fine mist and may be shut off altogether. For general spraying and for whitewashing. Impossible to clog Price, \$1.00. Transportation paid.



LOWELL SPRAYER

It is substantially built of heavy tin and can be used for spraying all sorts of chemicals, for fumigating purposes, also for insecticides in the garden. Price 29c.



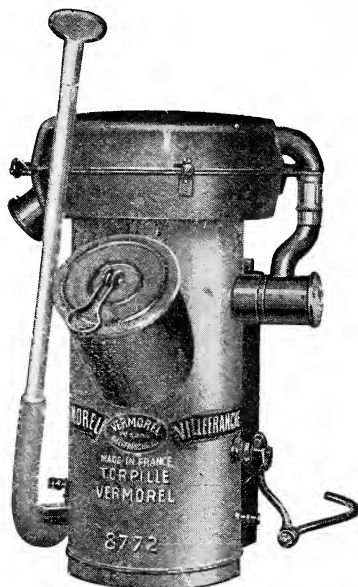
**AUTO-SPRAY
NOZZLE**

This is our patented standard nozzle for use with the Apto-Spray. It is light weight, will throw a very fine spray under low pressure, and is a real clog proof nozzle.

BAMBOO EXTENSION ROD

Fitted with non-corrosive tube 1/4-in. diameter inside, with brass stop cock and drip guard. Price, 8 feet long, \$4.00; 10 feet long, \$4.50.

DUSTERS



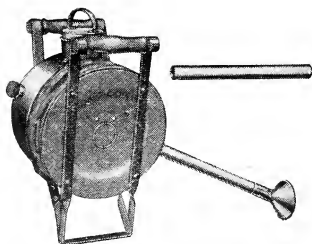
VERMOREL

"DOUBLE ACTION"

DUSTER

Vermorel Dusters are simple and compact, economical and efficient. For applying sulphur, arsenate of lead, calcium arsenate, Bordeaux Mixture, nicotine dust, etc., either of these models will give excellent results.

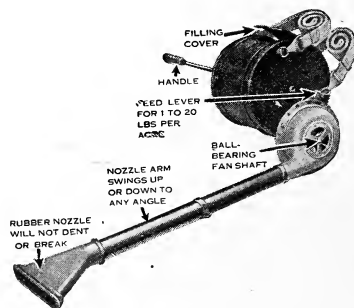
Double Action	\$16.00
Single Action	\$12.00



THE PLATZ DUSTER

Compact, sturdy, efficient, with capacity of 2 to 4 pounds. It is equipped with powerful bellows and a 30-inch extension pipe with sprayer. The wearing parts can be easily duplicated. It is excellent for dusting hills and has an attachment so that the powder reaches the under side of the foliage.

Price \$6.00



SMITH SAVAGE DUSTER

Fan and fan housing made of aluminum; fan works on ball bearings. Gears are machine cut bronze and encased in grease. Nozzle arm on swivel so can dust in front or rear of operator or upwards with smaller trees, etc. Feed lever to regulate adjustment from 1 to 20 lbs. poison.

Price \$17.98

SPRAYERS



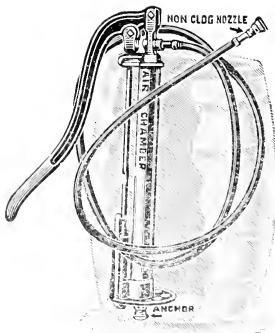
VERMOREL

ECLAIR No. 1 KNAPSACK

SPRAYER

The Eclair No. 1 Sprayer—Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at forty pounds. Furnished in either brass or copper.

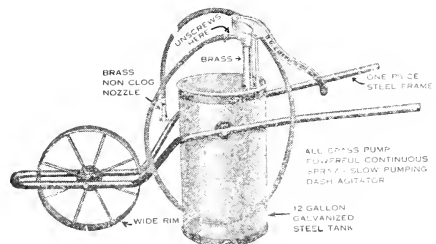
Price \$16.00



SMITH NO. 25 BARREL PUMP

Nozzles, cylinder, ball valves and valve seats entirely of brass. Double acting barrel of heavy brass. Pump not affected by strong mixtures. Pump quickly attached to any barrel.

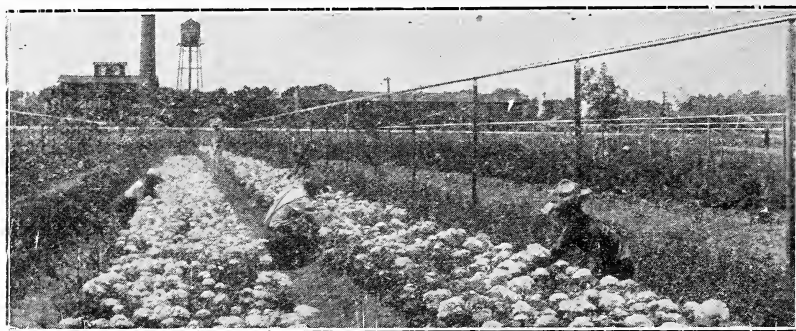
Price \$12.00 each.



SMITH NO. 50 WHEELBARROW SPRAYER

12 gallon heavy galvanized tank, all brass pump, agitator, 8 ft. heavy hose, brass nozzle for two different sprays. Steel frame made in one piece, strong and rigid. A high grade well built Wheelbarrow Sprayer for small orchards and general spraying. Easily wheeled about.

Price \$14.00



THE ANSWER TO THE RAIN QUESTION

MARCH

SUPER SYSTEM IRRIGATION

Reproduction of natural rainfall within 15 per cent. variation. Guaranteeing uniform even water distribution over field with maximum yield and quality possible to attain. (Closest competitor over 150 per cent.)

Dependable TURN-MOTORS. There are over 50 to 1 more March Turn-Motors in use than all competitors combined.

Complete SOLID BRASS EQUIPMENT. Everything but the pipes and posts themselves made of this life-time lasting material and furnished only by us. Irrigation is not bought every day and 15 to 20 years more service is desirable as well as lowest in cost and maintenance.

LARGER SIZE PIPES IN LINES. (Smallest size 1 inch.) Better volume and water distribution along full length of line.

PATENTED LONG THROW NOZZLES INDIVIDUALLY SCREENED. (Five to 10 foot longer throw with same pressure.) Screens practically eliminate plugging up troubles.

GRADUATED SIZE DISCHARGE NOZZLES. A special feature found only in MARCH SYSTEM. Worked out after three years' study and experimentation. Guaranteeing even water distribution.

AUTOMATIC FLUSH VALVE. (Patent applied for.) All lines drained and cleaned automatically with no attention. Eliminates clogging of pipes and nozzles. Prolongs life of system if water has lime or other chemical content.

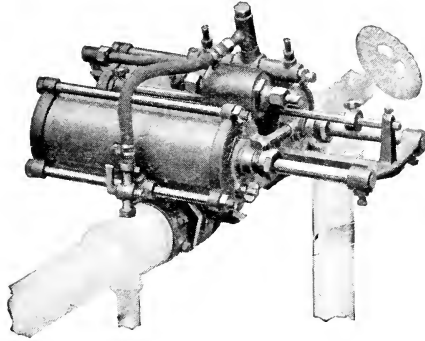
NON-CLOGGING SELF-PACKING TURNING UNIONS of solid brass, non-corrosive and rust-resisting. A big feature and appreciated by every practical grower.

SIMPLICITY OF INSTALLATION. Very important to every buyer. With complete and understandable instructions and specifications the ordinary man does not need the services of a plumber. Work is done in half the ordinary time. We will also contract your job—get our estimates.

REMEMBER—Your only idea in buying irrigation is from the profit to be made from its use. If you buy on a business basis you will buy MARCH'S.

Get Our Estimate - - Call Sherwood 2-1388

IRRIGATION



MARCH TWIN TURN MOTOR

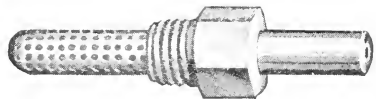
Turn lines 300 feet long on 25 pounds pressure. Will turn lines up to 660 feet long. Guaranteed on 50 pounds pressure. Lines turn 2 to 3 times per minute depending on pressure. It is especially timed for frost protection and is recognized throughout the country as the only successful FROST PROTECTION MOTOR.



WOODEN POST HANGER

MARCH'S HANGERS have several exclusive improvements. The main object of a hanger is to enable a pipe line to roll with least amount of friction and wear and to reduce wear on automatic Turn-Motor and to save water pressure. These hangers have 2 point roller bearing. "Pin" extra large. Never is there a possibility of rusting. Are complete brass throughout. Outlasts other hangers 30 years. Lasts a lifetime. Can be used with any make irrigation line.

Price 42 cents each



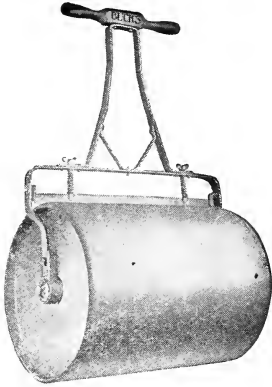
SCREENED FIELD NOZZLE

Since overhead irrigation was first used in field or greenhouse, users were seriously troubled with clogged nozzles—keeping them clean and functioning so that every bit of ground would get its moisture and give a maximum yield. It was a serious and expensive annoyance.

March's Nozzles have the added advantages of throwing 5 to 10 feet farther, thereby spacing pipe line farther apart. Also an annealed flexible tip which can be bent to bring nozzle streams in line.

Field Nozzles, unscreened\$6.00 per 100
Field Nozzles, all screened.....10.00 per 100

LAWN SUPPLIES



LAWN ROLLERS Water Filled

Length and weight precisely as listed.

Rollers are smooth on face and aluminum finished, outer edges rounded to avoid cutting up the lawn.

Plain Bearing

No.	Weight	Price
605 Water Filled.....	175	\$11.98
606 Water Filled.....	265	13.98

Roller Bearing

No.	In.	In.	Sec.	Lbs.	Price
602	18	24	1	265	\$17.00
602	24	24	1	420	20.00



FERTILIZER

Fairway Lawn Fertilizer is fifteen times as rich as manure; costs not more than 10 cents for each 100 square feet to be treated. Practically no odor.

Prices

100-lb. Bag (enough for 5,000 sq. ft.).....	\$5.00
50-lb. Bag (enough for 2,500 sq. ft.).....	3.00
25-lb. Bag (enough for 1,250 sq. ft.).....	1.75
10-lb. Bag (enough for 25 sq. ft.).....	1.00

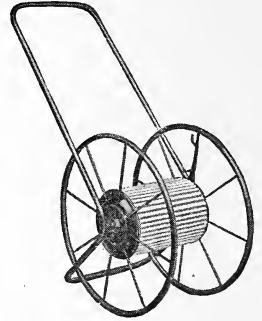
Convenient, easy to handle. Complete directions for lawn treatment on every bag.



Thriving Beautiful Lawns are obtained with the RAIN-MAKER

The natural rainlike fall of water develops deeper root growth without disturbing soil. Dissolves soluble matter in fertilizer. No burning.

BEAUTIFUL FLOWERS — SHRUBS and GARDENS are the result of watering the MARCH way. Your florist uses the Overhead System to produce prize-winning blooms. You, too, may enjoy the best with less labor.



ALL IRON HOSE REEL

The All Iron Hose Reels are indestructible; light in weight; frictionless and are easily manipulated. These reels cannot tip over when unreeling, and there is no weight of hose to carry on the handle. Price \$2.25 up.

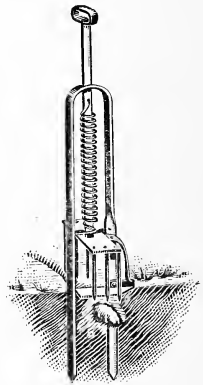


PLANET JR. EDGER

\$1.60

Neatness is the great secret of attractiveness in grounds surrounding a house, and to have this neatness the grass bordering walks must be frequently edged or trimmed. With a No. 2 Planet Jr. Edger you can edge either straight or curved walks of cement, stone or brick, rapidly and easily. Everyone who uses a lawn mower has work for one of these edgers. Works best if used after a good rain or watering.

It is always ready for use, and should be the constant companion of the lawn mower.



Mole Trap

Is easy to set and it will catch moles deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger Price \$1.48.

GARDEN TOOLS

At no time has there been a greater interest manifested in garden making than at present. Every year finds more ladies and young folk taking up this hobby, and it is well, for there is no exercise more beneficial or healthful.

REVERSIBLE STEEL LAWN RAKE. Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. \$1.00.

WOODEN RAKES

Our wooden rakes are of a superior grade selected wood 3 bow, aluminum. \$1.25.

SOLID BOW STEEL RAKES, electric welded bow, pinned through handle—12, 14, 16 tooth. \$1.25 up.

IDEAL STRAIGHT SHANK RAKE. The flanged head gives additional strength and is fine for leveling the dirt. 65c up.

HOES. Blades polished and hardened.

GARDEN MATTOCKS. It is heavier than the garden hoe and is indispensable for digging burdocks, grubbing out roots. \$1.48.

WARREN or HEART SHAPE HOE are unequalled for hoeing, weeding, cultivating making drills, etc. \$1.35.

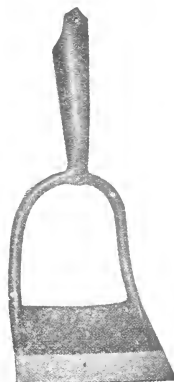
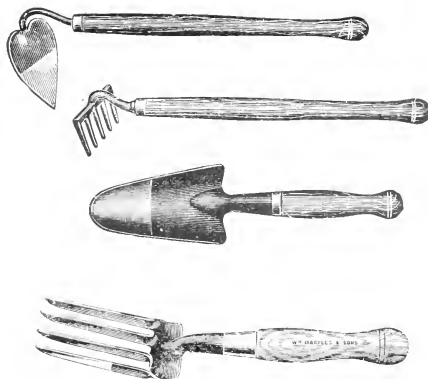
IMPORTED ENGLISH SCUFFLE HOE The blade pushes through the soil easily and cuts front and back. 4", 70c; 5", 75c; 6", 80c; 10", \$1.20.

POTATO FORKS. Indispensable for digging root crops and forking over manure \$1.19.

SPADE. Fox standard quality steel smooth back, fully strapped No. 2 wood handle. \$1.48.

DIBBLES. All iron, hollow, for transplanting celery, cabbage, etc. 69c.

NURSERYMEN'S PLANTING SPADE. Used for transplanting seedling trees shrubs, etc. Ideal for stony ground. \$1.48.



CUTTING TOOLS

TELEPHONE TREE PRUNERS



ENGLISH SICKEL

Imported English heavy riveted back thin cutting blade made from best grade steel. Price 75c.



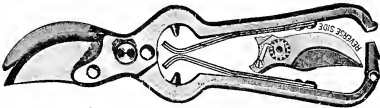
GREYHOUND BRAND, ENGLISH RIVETED BACK SCYTHES

Light and thin broad blades strengthened by a riveted back Price \$2.75.



BORDER

For trimming the overhanging grass around the edges of walks etc. Price \$1.98 up.



PRUNING SHEARS

A spring tension washer is provided to hold the shear in permanent adjustment, and a patented spring latch that opens the shear by mere pressure of the hand, holds it shut when not in use. Exceedingly useful for trimming the edges and borders of lawns, flower beds, etc. Price 59c up.

SPEED ELECTRIC HEDGE TRIMMER

It operates so rapidly and accurately that no branches are ripped or torn. An expert can do little better than you. Blade is easily sharpened. Ready for operating when connected to an ordinary electric light socket. Price \$45.00.

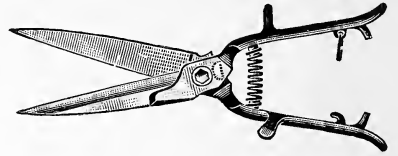


No. 1 attaches to pole of any length, operates with a cord; a spring throws knife back in position.

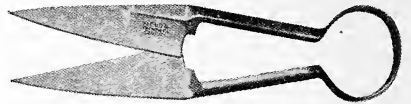


LITTLE WONDER HEDGE TRIMMER

Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 40-inch. Each, \$27.50.



Full polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip. Price 59c.

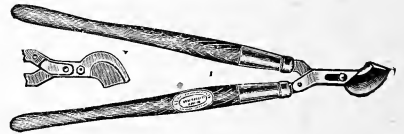


EXTRA FINE POLISH TROWEL SHANK

Solid steel of finest quality and tempered; 7-in. blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting. Price \$1.48.

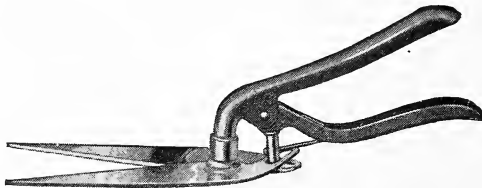


These shears can be used both for trimming hedges, and for cutting grass under fences, bushes, etc. The notch at the heel of the blade is used for cutting twigs and small branches. Price \$1.10 up.



DRAW CUT

The Lopping Shear is made with two drop forgings of high grade tool steel, carefully hardened and ground and fitted with 26-in. white ash handles, making a tool which is unsurpassed for cutting underbrush and limbs. Price \$3.00.



GOODWIN GRASS SHEARS

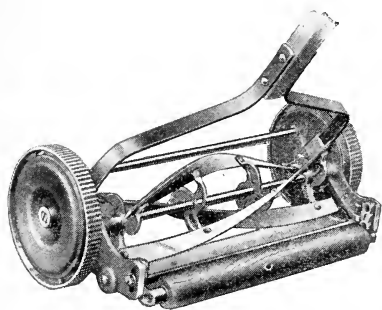
are made to cut grass. They're built to get around close corners easily with the buckles well up out of the way, and are easy on the wrist. The grip is natural. Ball bearing action, blades sharpened enduringly from point to hilt. Price \$1.50.

GRASWIP

Cut your grass and weeds the new way without stooping. It's like the swing of a golf stick; cuts with both forward and backward swing. Price \$1.00.

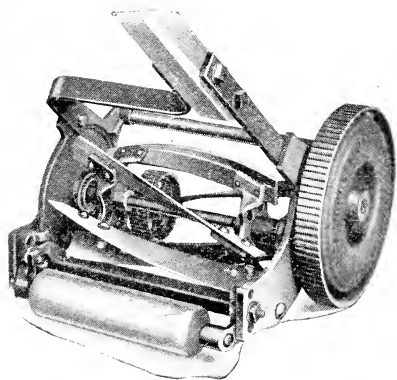
WORCESTER

LAWN TESTED QUALITY MOWERS



TIP TOP

The Tip Top is a universal favorite among light weight mowers of the plain bearing type. It is a sturdy, capable mower for the small lawn, and its general popularity stamps it as an excellent mower in its class. This mower is a three blade, low wheel, plain bearing machine, compact and well built of good materials, and is generally conceded to be the finest mower built in this competitive class.

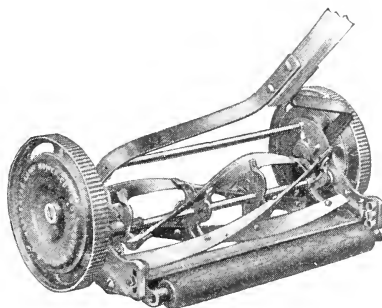


Worcester Lawn Trimmer

A thoroughly practical machine for trimming the edges of the lawn. This trimmer cuts a generous swath (ten inches) and is as carefully built and perfectly balanced as a fine grade lawn mower. It will not hobble or bump over the lawn as does the average trimmer, and it is so handy and practical a machine as to be almost indispensable for every lawn.

Built in ten inch size—eight inch wheels—five blades—ball bearing.

Price \$8.98



TIP TOP PRICES

12 Inch	\$4.98
14 Inch	\$5.98
16 Inch	\$6.50
18 Inch	\$6.98



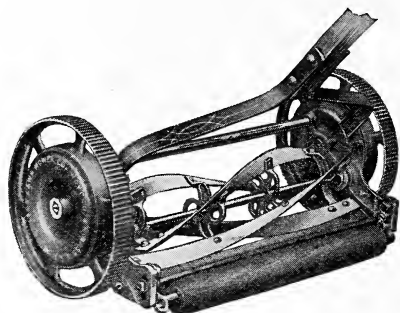
JUNIOR

The first real practical mower built for the younger generation. The handle and other details of this mower have been designed especially for the boy or girl from seven to twelve years of age. This machine is of the usual Worcester quality and will do excellent work. The Junior has eight inch wheels, three revolving knives, is equipped with ball bearings and is extremely light in weight. Children will enjoy mowing the lawn with a Worcester Junior.

Price \$7.48

WORCESTER

LAWN TESTED QUALITY MOWERS



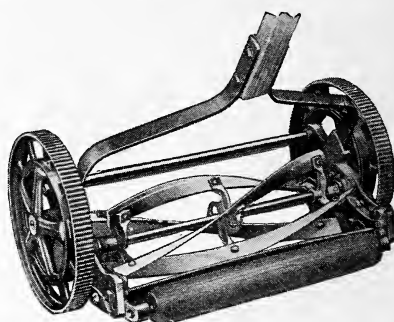
NEW WORCESTER

For those who have a rather large area of lawn there is no finer lawn mower than the New Worcester. The fact that this mower has long been a favorite in public parks and cemeteries all over the country testifies to its rugged construction and fine quality. It is well balanced and surprisingly easy to handle.

Ten inch wheels, large ball bearings, four blades, construction strongly reinforced.

PRICES

16 Inch	\$11.98
18 Inch	\$12.98



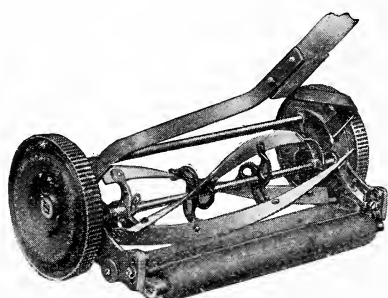
HIGH WHEEL INVINCIBLE

The High Wheel Invincible features the open type of wheel, and is a very capable, high grade mower for general use. It is carefully constructed of the finest quality of materials and is well balanced and easy to push.

Ten inch wheels, four blades, trouble-proof bearings.

PRICES

14 Inch	\$6.98
16 Inch	\$7.75
18 Inch	\$8.48

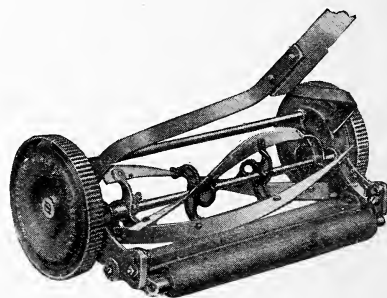


WIZARD

This mower is the practical mower for the average home owner. The wheels are a little smaller than on the New Worcester, and the mower is lighter. It is a very capable and strongly built mower that will give entire satisfaction on any lawn.

PRICES

12 Inch	\$7.25
14 Inch	\$7.98
16 Inch	\$8.25
18 Inch	\$9.75



NEW ENGLAND

This is a low wheel light weight mower of the ball bearing style, suitable for the medium size or small lawn.

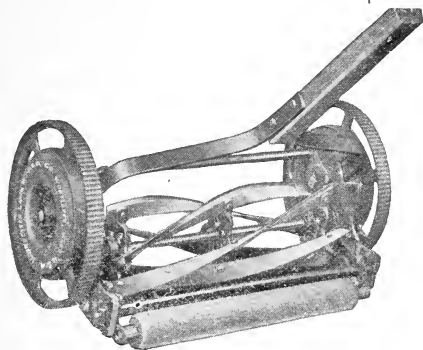
Built of good steel and including most of the features of the larger and more expensive mowers. The New England will give very good service and is a very popular type of mower.

PRICES

12 Inch	\$6.98
14 Inch	\$7.48
16 Inch	\$7.98
18 Inch	\$8.98

ELM PARK—BALL BEARING

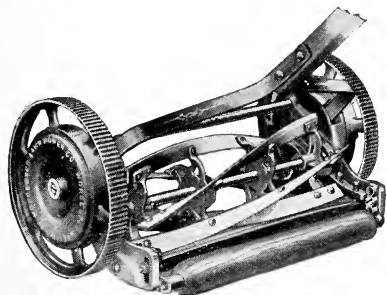
14 Inch	\$9.48
16 Inch	\$9.98
18 Inch	\$10.48



This mower has ten-inch wheels of the closed type and is constructed with five reel blades to give a very clean, smooth appearance to the lawn. This mower is more adapted to an even lawn where the advantages of the five blades are more apparent. The Elm Park is a thoroughly high grade mower in every detail. The design and construction make it a very easy handling machine. The steel is of the very finest quality knife steel; the underknife with the lipped edge of course. The cones are the result of a year's experiment in the heat treating and grinding of different kinds of steels and these bearings will wear for an indefinite time. The brackets that support the wood roller are of tough malleable iron that will not break and are equipped with grass catcher hooks to accommodate the use of grass catchers if desired. These brackets are also equipped with ball bearing units to support the wood roller so that the roller spins freely and there will never be any tendency to drag. The handle is reinforced to prevent loosening. This machine may be guaranteed to give excellent service.

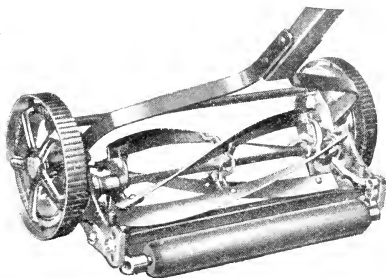
INTERNATIONAL B. B.

14 Inch	\$12.98
16 Inch	\$13.48
18 Inch	\$13.98



The International is designed and constructed along the lines of the New Worcester-

ter—as a heavy duty machine. It has five blades, however, and on a level, well-kept lawn it would be capable of giving a little better results than the New Worcester. The wheels and side plates of the International are of a very fine grade iron designed to insure against breakage under practically all conditions. The knife steel is given special attention, both in regard to selection and treatment. This machine is equipped with our new malleable roller brackets with ball bearing units as in the Elm Park. The reel shaft is extra heavy and of solid cold drawn steel. The cones and other parts of the bearings are of the very finest materials to insure long wear and freedom of trouble. This International is in every way a high grade mower and has in many instances replaced lawn mowers that sell at a considerably higher price.

**NEW GRASSHOUND B. B.**

12 Inch	\$5.50
14 Inch	\$6.48
16 Inch	\$6.98

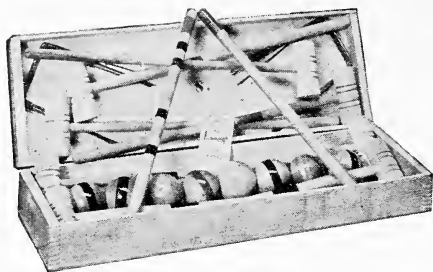
The New Grasshound features the open wheel style of mower that has recently come into wide popularity. This is a light weight but very sturdy machine and with its four blades is capable of very satisfactory work. The five ribbed spokes in the wheels give ample strength to these parts and the frame of the mower is so designed as to give rigid alignment of the knives under all conditions. The knife steel in this mower is a fine quality of steel and the underknife has a lipped edge fastened to the cutter bar with machine screws, which are characteristics of all Worcester lawn mowers. The bearings are trouble-proof and require practically no attention. For a light weight capable mower this New Grasshound will prove extremely popular.

MASTER MOWER

16 Inch	\$23.48
18 Inch	\$25.00

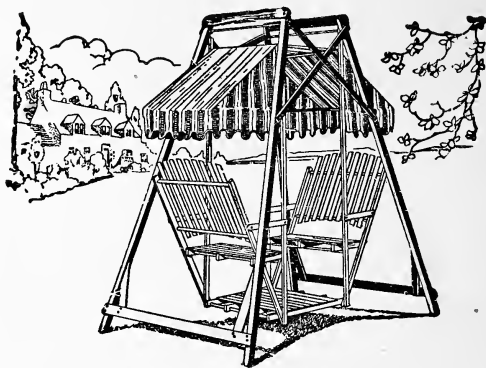
The simplicity of the new patented application of Hyatt Roller Bearings eliminates all bearing trouble, insures lifetime service and positive alignment of knife units, and also supports Traction Wheel Studs and smooths the action of the Master Mower. Wear and friction are further eliminated by the use of Ball Bearings in roller hangers.

FOR THE PORCH AND LAWN



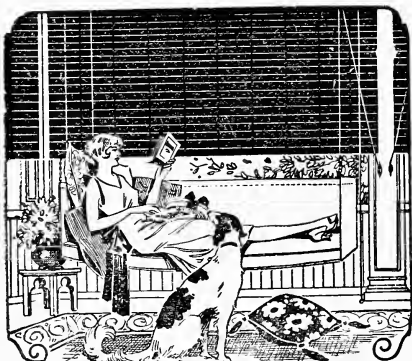
CROQUET SETS

From the finest hand turned, French Polish finished sets of unusual attractiveness and beauty produced for the most discriminating buyer, to the lowest priced sets that are good—all represent the greatest values that our unusual facilities, long experience has made it possible for us to sell.



LAWN SWING

Four passenger model; selected hardwood stock; bolted construction throughout; frictionless, noiseless, long-wearing metal hangers, brackets and hooks (metal-to-metal); seats are adjustable. Frame in Red Enamel, seats and floor in Natural Varnish.

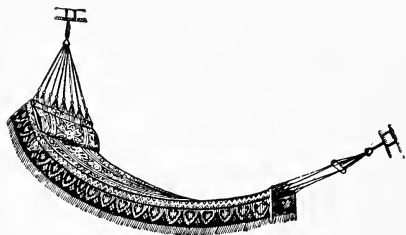


PORCH SHADE

For cool, comfortable and secluded enjoyment. All kinds, either in the bamboo, natural color, or the bass wood, oil stained, weather-proof, green color, or the imported—the small round linden wood. All sizes in stock.

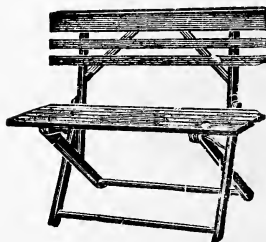


This box made with a patented self irrigating and air circulating system of coppered steel with a lead coat which will neither rust nor deteriorate. 98c up.



PALMER'S HAMMOCKS

Close canvas weave, with tastefully colored stripes.



LAWN SETTEE

All hardwood, Natural Varnish finish; shaped seat, 5 slats; back, 5 slats; drive screw construction. The "Outstanding Value of the Season."

BIRD SUPPLIES

BIRD CAGES

Imported, artificially decorated and colored cages in new finishes, beautifully blended in two-tone combinations of colors with hand painted bound glass guards.

Also plain brass throughout, white enamel tray, china cups, wire guard and swing.

\$2.50

EGG AND FRUIT CANARY MIXTURE



Totally unlike any other mixture prepared for regular canary feeding, Spratt's Egg, Fruit and Canary Seed Mixture offers the bird a delightful and wholesome change.

The quality of the European Canary Seed, sweet summer rape and other seeds forming the blend, is unsurpassed and the addition of egg-flake and fruit makes it perfect. Its regular use (alternated occasionally with Spratt's Cod Liver Oil Cage Bird Food) must result in improved beauty, health and song.

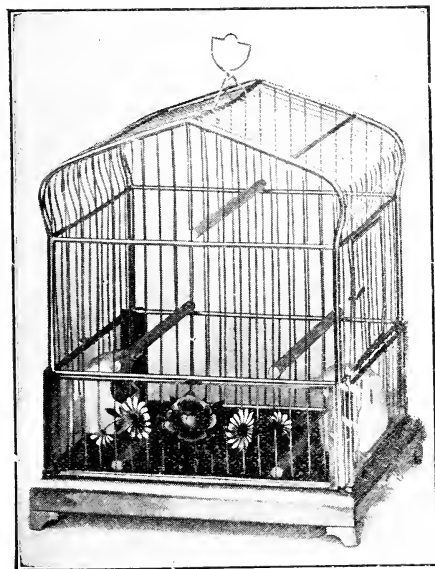
COD LIVER OIL CAGE BIRD FOOD



For feeding young birds and old birds in the moulting season. A tonic and flesh and bone maker. Unequalled as an aid to feather growth.

SPRATT'S SONG RESTORER

An invigorating tonic and treat for Canaries, Linnets, Gold-finches and Seed-eating birds.



BIRD SEED

Try our recleaned fresh bird seed if your canaries do not sing or thrive as they should: We have hundreds of bird fanciers who are getting results and are well pleased.

1 lb., 13c.

SPRATT'S MOULTING FOOD



It is not only a valuable tonic mixture but a flesh and bone-making food, keeping birds in good health during the moulting period. As a

ther producer, it is unrivalled.

SPRATT'S "SING-SONG"

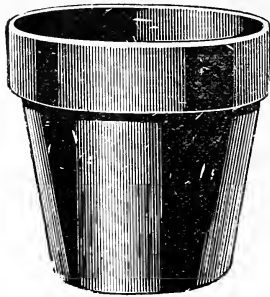
An appetizing food and pick-me-up for all songsters.



For Every Age and Every Breed the Finest Foods You Can Feed



NEPONSET POT



FLOWER POT



NEW YORK STYLE

FLOWER POTS AND FIBREWARE

Standard Earthenware Flower Pots

Full inside measurements. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

Sizes	Each	Doz.	100	1000
2 in.	\$0.03	\$0.30	\$2.25	\$13.00
2½ in.	.05	.35	2.25	16.00
3 in.	.07	.50	3.00	20.00

Sizes	Each	Doz.	100	1000
3½ in.	\$0.07	\$0.50	\$3.00	\$21.60
4 in.	.07	.60	4.00	30.00
5 in.	.08	.75	5.40	48.60
6 in.	.15	1.50	10.00	72.90
7 in.	.20	2.00	13.50	.....

Sizes	Each	Doz.	100
8 in.	.....\$0.30	\$3.00	\$20.00
9 in.	......40	4.00	30.00
10 in.	......60	6.50	42.00
12 in.	.....1.10	11.00	82.50
14 in.	.....2.00	20.00	135.00

Earthenware Flower Pot Saucers

Sizes	Each	Doz.	100
4 in.	.....\$0.04	\$0.30	\$2.50
5 in.	......04	.40	3.00
6 in.	......08	.75	5.00
7 in.	......10	.90	6.50
8 in.	......15	1.50	10.00
9 in.	......18	1.50	11 25
10 in.	......20	1.75	13.50
11 in.	......25	2.25	16 50
12 in.	......30	2.75	20.25
14 in.	......50	5.00	35.00

Earthenware Round Bulb Pans

Width	Height	Each	Doz.	100
5 in.	3 in.	.....\$0.12	\$1.00	\$6.00
6 in.	3½ in.	......15	1.25	9.00
7 in.	4 in.	......20	2.00	13.50
8 in.	4½ in.	......30	3.00	22.00
9 in.	5 in.	......50	4.00	30.00
10 in.	6 in.	......60	6.00	40.50

Plant-Tubs

New York Cedar. Made of the choicest seasoned cedar, highly finished with black hoops; will last twice as long as cypress.

No.	Diam.	Ht.	Price	No.	Diam.	Ht.	Price
1	12 in.	10½ in.	2.98	3½	16½ in.	15¼ in.	5.48
2	13 in.	13 in.	3.75	4	19½ in.	17 in.	5.98
3	14½ in.	15 in.	4.25	5	22½ in.	18½ in.	7.98

Neponset Waterproof Paper Flower Pots

Made of a tough, waterproof paper that retains moisture very satisfactorily. Testing under actual growing conditions has proven that this container may be used successfully when seedling plants are grown therein 6 to 8 weeks.

	Doz.	Per 100	Per 1000
2¼ in. pots	.....\$0.12	\$0.60	\$4.50
2½ in. pots	......15	.65	5.00
3 in. pots	......18	.80	6.70
3½ in. pots	......20	1.10	8.50
4 in. pots	......25	1.50	11.00
5 in. pots	......35	2.25	17.00
6 in. pots	......45	2.70	21.75

Send for Circular and Sample



RICHMOND STYLE

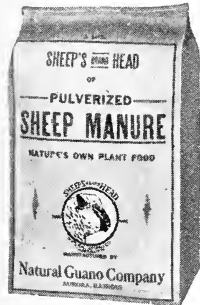
No.	Inches Top Diam. Inside	Inches Depth Inside	Price Each
2	7	7	\$0.70
3	8	8	.75
4	9	9	.80
5	10	10	.90
6	11	10	1.15
7	12	11	1.35
8	13	12	1.50
9	14	13	2.00
10	15	14	2.50



SHEEP'S HEAD PULVERIZED SHEEP MANURE FEEDS THE WHOLE PLANT

No plant food has ever been found to take the place of natural manure as a complete fertilizing agent. Phosphate fertilizers develop the leaves. Potash fertilizers develop the roots. Another vital element to virile growth is necessary, ORGANIC MATTER! Sheep's Head Pulverized Sheep Manure contains organic matter—phosphoric acid, potash, nitrogen, and all the other ingredients essential to balanced, vigorous plant development.

Its use cannot be harmful to the plant life at the hands of the ordinary individual because its elements are in the natural fertilizing form.

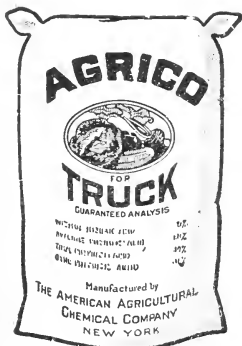


Lawns, Flower Beds, Flower Boxes, Vegetable Gardens, Grape Vines, Berry Bushes, Fruit Trees, Shrubs, Rose Bushes, Nursery Stock, Shade Trees, Field Crops, Cemeteries, Golf Courses, Parks

Grow Quickly Beautiful, Luxuriant, Sturdy— When Their Soil Is Dressed With Sheep's Head Pulverized Sheep Manure

In Neat Packages			
2-pound	.....\$ .25	25-pound	.....\$1 25
5-pound	......40	50-pound	.....2 00
10-pound	......75	100-pound	.....3 00

"Agrico" Fertilizer contains all the elements of plant food which have long been regarded as essential to the fertilization of growing crops, as well as other elements which have not been so generally recognized. The finest for general trucking. Analysis 5-10-5. 100 lbs., \$4 00 ton, \$50.00.



Monarch. A high grade fertilizer for all crops. Analysis 4-8-4. 100 lbs., \$3.00; ton, \$45.00.

Champion. Special fertilizer for plants that require a high percentage of potash. Analysis 2-8-5. 100 lbs., \$2.75; ton, \$39.00.

Super Phosphate. This is one of our fertilizers which is used in the largest quantity in most mixtures as a base. Analysis 16% Available Phosphoric Acid. 100 lbs., \$2.25; ton \$28.00.

Bloomaid. Fifteen times as rich as manure. Very high analysis. The best fertilizer for flowers and shrubs. 25 lbs., \$1.25; 100 lbs., \$5.00.

Floranid (Urea). The most highly concentrated nitrogenous fertilizer in commerce, contains 46% of available nitrogen, and leaves no harmful residue in the soil. A quick-acting stimulant for lawns, vegetables, fruits and flowers. Allow 2 ounces per square yard in the garden, ½ ounce per square yard on the lawn; in the latter case it must mixed with four times its bulk of fine soil or sand.

Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$9.00; 500 lbs., \$42.50.

Nitrophoska. Is a complete fertilizer containing 15% Nitrogen, 30% Phosphoric Acid, and 30% Potash, all available. Clean, odorless, and practically water-soluble. Can be used in vegetable and flower garden, seed-bed and for potted plants. Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$8; 500 lbs., \$37.50.

SOIL INGREDIENTS

Adco. A culture of bacteria associated with the breaking down of organic materials. Add it to garden rubbish, leaves and grass clippings to hasten decay and quickly produce manure. 25 lbs., **\$2.00**; 150 lbs., **\$10.50**.

Ashes, Hardwood. These furnish potash. One to two tons per acre may be harrowed into land in winter or early spring. May be broadcast between rows of corn, potatoes, beets, carrots, etc. 10 pounds per 100 feet. 100 lbs., **\$2.00**; $\frac{1}{4}$ ton, **\$8.00**; $\frac{1}{2}$ ton, **\$15.00**; 1 ton, **\$25.00**.

Bone Meal. Animal bone is generally considered by experienced growers to be far superior, as a source of phosphoric acid for most crops, to the mineral phosphates. The analysis shows $4\frac{1}{2}\%$ of ammonia with 23% total phosphoric acid, or 50% bone phosphate of lime. 25 lbs., **\$1.25**; 50 lbs., **\$2.00**; 100 lbs., **\$3.50**; ton, **\$59.00**.

Tankage. Similar in general effect to bone-meal, yielding lime and phosphoric acid. Used largely by the greenhouse man, and is excellent for grapevines. Allow 3 ounces per square yard (1,000 pounds to the acre) and rake in humus. 167 lb. bag, **\$7.50**; 1 ton, **\$80.00**.

Humus. Furnishes but little plant-food; highly valuable, however, as a soil ingredient, improving its texture and increasing its water-holding properties. May be used freely. 100 lbs. will cover 80 square feet 1 inch deep. 5 lbs., **25c**; 10 lbs., **40c**; 25 lbs., **75c**; 100 lbs., **\$1.50**; 1 ton, **\$25.00**.

Lime, Agricultural Hydrated. Corrects acid conditions of the soil, and at the same time is a plant-food; further, it liberates other foods in the soil. Binds loose soils and curiously enough, opens heavy land. Quick acting. Use from 1 to 3 tons per acre; 6 to 18 ounces to the square yard. As a winter dressing to sweeten lawns, broadcast 1 ton to the acre or 6 ounces per square yard. 50 lb. bag, **75c**.

Limestone, Pulverized. Slower to act than Hydrated Lime but the effect is felt over a longer period. Use from 2 to 4 tons per acre. 80 lb. bag, **\$1.00**; 1 ton, **\$15.00**. Specially favorable rates in carload lots.

Muriate of Potash. Excellent for potatoes, corn, grains, etc. Use from 350 to 750 pounds per acre. 50 lbs., **\$2.50**; 100 lbs., **\$4.50**; 1 ton, **\$65.00**.

Nitrate of Soda. A plant stimulant. Adds nitrogen in a form which is immediately available to the plants. Forces a heavy, succulent growth in lettuce and similar leaf vegetables. Gives a jump to lawns, and, in fact, to all crops. Use it sparingly and with great care. 1 lb., **12c**; 5 lbs.,

50c; 10 lbs., **90c**; 25 lbs., **\$1.75**; 50 lbs., **\$3.00**; 100 lbs., **\$5.00**; 167 lbs., **\$7.00**; 1 ton, **\$75.00**.

Peat Fiber. A vegetable product which remains in the soil for many years without decaying; in the meanwhile it absorbs and holds it for the plants. Its presence in the top layer of a lawn adds materially to the resilient carpet-like feel of good turf. As a mulch around the roots of plants it is excellent. May be used freely. Large bale, about 170 lbs., **\$4.00**.

Pulverized Poultry Manure. An excellent fertilizer, rich in plant-food, for all garden crops, flowers, and lawns. Dig in 3 to 16 ounces per square yard, or $\frac{1}{2}$ to $2\frac{1}{2}$ tons to the acre. Mix freely with soil or sand when applying to lawns and then use only very little. 100 lbs., **\$4.50**; 500 lbs., **\$17.00**; ton, **\$60.00**.

Salt, Agricultural. Occasionally used as a top-dressing for asparagus. Also effective as a weed-killer on roadways, paths, etc. 100 lbs., **\$2.00**; 500 lbs., **\$9.00**; ton, **\$32.00**.

Stim-U-plant. Fertilizer in tablets. These may be placed in the soil around plants, in flower pots, or dissolved in water for a liquid fertilizer. 30 tablets, **25c**, postpaid; **30c**; 100 tablets, **75c**, postpaid; **85c**; 1,000 tablets, **\$3.50**, postpaid **\$3.65**.

Shredded Cattle Manure. A soil-builder and ideal mulch that is especially recommended for crops in hot, sandy soils. Also ideal for mulching perennial beds, asparagus, and peonies. Being organic, it releases plant food when needed, increases bacterial action, and adds humus.

Sulphate of Ammonia. A nitrogenous plant stimulant, very quick in action, tending to make soil acid. Increases leaf-growth, much used on lawns, which it not only feeds, but weeds are discouraged; when top-dressing lawns apply 1 ounce per square yard or 350 pounds to the acre, but first mix with several times its bulk of soil or sand. 5 lbs., **60c**; 10 lbs., **\$1.00**; 25 lbs., **\$1.75**; 50 lbs., **\$3.00**; 100 lbs., **\$5.00**; 1 ton, **\$80.00**.

PLANTABBS are small, clean, quickly dissolving tablets without odor. Highly concentrated form of nitrogen, ammonia, phosphoric acid and potash in proper balance. Especially good inside where smelly fertilizer cannot be used, but equally effective on roses and other garden flowers. Pkg., **25c**.

STIMUGERM

Small Garden Unit. A composite culture of the bacteria essential for the growth of Peas, Beans, and Sweet Peas.

INSECTICIDES AND FUNGICIDES

Pyrethrol. Will control most soft-bodied insects. Japanese Beetle, Rose Chafers, Lace bugs, potato bugs, aphids, cabbage worms, currant worms, white fly, thrips, cucumber beetle and many other types. $\frac{1}{2}$ lb. tins, making 4 to 6 gals. finished spray, **50c**; 2 lb. tins making 16 to 24 gal. spray, **\$1.50**; 10 lb. tins making 80 to 120 gal. spray, **\$6.00**.

Ant Destroyer. An effective remedy for Ants, $\frac{1}{2}$ teaspoonful required for each ant hill. **40c** per can.

Aphistrogen. Makes a complete spray for most sucking insects; prepared especially for roses and other plants. Per 4 oz., **75c**; $\frac{1}{2}$ lb., **\$1.25**; 2 lbs., **\$3.50**; 12 lbs., **\$15.00**.

Arsenate of Lead. Powder. Superior to paste in that it does not deteriorate from standing. Use 1 to $1\frac{1}{2}$ lbs. to 50 gals. of water. 1 lb., **28c**; 4 lbs., **\$1.00**; 10 lbs., **\$2.25**; 25 lbs., **\$5.00**; 50 lbs., **\$9.00**.

Black Leaf 40. A concentrated nicotine solution for aphids, thrip and red spider. Dilute 1 oz. to from 3 to 6 gals. of water. 1 oz. bot., **\$0.35**; 5 oz. bot., **\$1.00**; 1 lb. bot., **\$2.25**; 2 lb. tin, **\$3.25**; 5 lb. tin, **\$6.25**; 10 lb. tin, **\$10.75**; 50 lb. drum at 95c. per lb., **\$47.50**.

Bordeaux Mixture. Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb., **35c**; 4 lbs., **\$1.00**; 10 lbs., **\$2.25**; 25 lbs., **\$5.00**; 50 lbs., **\$9.00**.

Bordeaux Arsenate of Lead. Powder. Use 7 lbs. to 50 gals. of water. 1 lb., **50c**; 4 lbs., **\$1.75**.

Hammond's Copper Solution for Mildew and Blight. Price, 1 qt., **\$1.25**; 1 gal., **\$4.50**.

Cyanogas, "Calcium Cyanide," Grade A, for the destruction of ground moles, wood chucks, rats and other rodents. Per lb., **\$1.00**; 5 lbs., **\$3.00**. (Not mailable.)

Evergreen. Destroys a great number of both chewing and sucking insects without danger of burning the plants. 1 oz. bottle, **35c**; 6 oz. bottle, **\$1.00**; pint, **\$2.00**; quart, **\$3.50**; gallon, **\$11.50**; 5 gallons, **\$45.00**.

Insect Spray, "Red Arrow." A contact insecticide that may be used upon the most tender foliage without burning and the more delicate flower without staining. Economical to use, being decidedly effective at dilutions of one to five hundred. Oz., **35c**; $3\frac{1}{2}$ oz., **\$1.00**; $\frac{1}{2}$ pt., **\$1.75**; 1 pt., **\$3.25**; 1 qt., **\$6.00**; 1 gal., **\$20.00**.

Fungtrogen. A most effective and scientific preventative and remedy for Mildew, Black Spot and other fungoid diseases of roses. Will not discolor foliage. $\frac{1}{2}$ pint, **75c**; pint, **\$1.25**; quart, **\$2.00**; half gallon, **\$3.50**; gallon, **\$6.00**. (Not mailable.)

Cut Worm Food. It is simple and easy to use. It consists of a material that is more delicious and is much more preferred by the Cutworm than the plants themselves. It is sprinkled on the ground around the plant just as it is found in package. 1 lb., **45c**; 5 lbs., **\$1.50**.

Tobacco preparations, either dust or liquid or both, is for sucking and soft bodied insects. It will be wasted on disease and hard-shelled insects. Sulphur for garden work. You will need it for mildews. Lime will prevent damage by slugs and snails. Lime-sulphur solution is necessary for scale insects on trees and shrubs. Miscible oils are good for winter spraying on these same insects, but injure foliage in spring. Either lead arsenate, calcium arsenate or paris green is needed for beetles, caterpillars and other insects that chew and swallow pieces of foliage. For small gardens a small package of each will be necessary. Any surplus (except for lime) will be good for several years.

Grape Dust. Powder. A remedy for mold and mildew. Ready for use as bought. 5 lbs., **\$1.00**; 10 lbs., **\$1.80**.

Insectrogen. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on roses, and mildew and Red Spider on Phlox. Half pints, **\$1.00**; pints, **\$1.75**; quarts, **\$2.75**; half gallons, **\$4.50**; gallons, **\$8.00**. (Not mailable)

Kerosene Emulsion for Caterpillars. Price, 1 qt., **75c**; 1 gal., **\$2.00**.

Lemon Oil. Effective against scale and aphids. Particularly recommended for use indoors, since it as a pleasant odor. Dilute 1 part to 10 parts of water. $\frac{1}{2}$ pt., **45c**; 1 pt., **75c**; 1 qt., **\$1.25**; 1 gal., **\$3.00**; 5 gals., **\$12.00**.

Lime Sulphur Solution. The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 qt., **50c**; 1 gal. **\$1.00**; 5 gal., **\$3.75**; $\frac{1}{2}$ bbl., **25c** gal.; 1 bbl., **22c** gal.

Lime Sulphur. Powder. Apply 12 to 15 lbs. in 50 gals. of water. 1 lb., **30c**; 5 lbs., **\$1.25**; 10 lbs., **\$2.00**; 25 lbs., **\$4.00**; 100 lbs., **\$13.00**.

Nico Fume. Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 85c; 1 lb., \$2.00; 4 lbs., \$5.85; 8 lbs., \$10.85.

Pomo-Green. With nicotine. The leaf green all-in-one dust or spray. 1 lb., 75c; 5 lb. can, \$3.00.

Para-Dichlorobenzene. Highly recommended for destroying the peach borers in trees four years and older. During September a ring of the crystals is placed on the soil around the trunk and covered by mounding the earth against the tree. One ounce is sufficient for each tree. 1 lb. can, 60c.

Paris Green. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.

PYROX (Bowker's). The one best and safest all-around spray which kills all leaf-eating insects and prevents blight and all fungous troubles, without injury, on trees, grape-vines, currant bushes, potatoes, cantaloupes, cucumbers, and other garden vegetables, also on rose bushes, shrubbery, etc. It is a creamy paste which looks like paint and "sticks like paint." It needs only to be mixed with cold water and it is ready to apply. 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50; 300 lbs., \$43.50.

Scalecide. Used for the destruction of the San Jose scale. Dilute at the rate of one gallon to twenty gallons of water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Trees may be sprayed in winter and early spring before they start to come to bud. 1 qt., 70c; 1 gal., \$1.60; 5 gals., \$6.00; 10 gals., \$10.00; 15 gals., \$13.50; 30 gals., \$22.50; 50 gals., 28.00.

Semesan. A Mercuric Disinfectant. As a remedy for the malignant grass disease called "Brown Patch," Semesan has been successful, spectacularly so, and is now used throughout the country, both to prevent and cure attacks of this parasite on golf-courses, turf tennis-courts, baseball diamonds and estate lawns. 2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25; 100 lbs., \$220.00.

Semesan Bel. Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture, Semesan Bel will prevent or control the common seed-borne potato diseases. 4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25; 100 lbs., \$120.00.

Slug Shot. One of the most known remedies for cabbage and currant worms. Apply as bought. 1 lb., 20c; 5 lbs., 60c.

Snarol. An effective bait for controlling Cutworms, Grasshoppers, Snails, Slugs and Sow Bugs. Not injurious to plants or other vegetation. 1 lb., 35c; 3 lbs., 95c; 15 lbs., \$3.00; 50 lb. sack, \$8.00. (Not available.)

Soap. Fish Oil, or Caustic Potash Fish Oil. Remedies for scale and aphids. 1 lb., 30c; 5 lbs., \$1.25; 25 lbs., \$4.00; 100 lbs., \$13.00.

Sulphur. Powdered. For mildew. 1 lb., 15c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$6.00.

Sulphur Candles. For fumigating the conservatory and greenhouse, also the sick-room. Each, 10c; per doz., \$1.00.

Thrip Juice (Hammond's). Very effective against aphids, red spider, mealy bug, etc. Qt., \$1.35; gal., \$4.25.

Tobacco Dust. The best of the Tobacco Dusts, for dusting or fumigating. 1 lb., 25c; 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$6.00.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 1 lb., 60c; 5 lb. can, \$2.75; 10 lb. can, \$5.25; 25 lbs., \$11.00.

Tree Wound Paint. Prevents decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding. Pt., 60c; 1 qt., \$1.00; 1 gal., \$3.50.

Volck. A refined oil emulsion that may be used on foliage with entire safety. Effectually controls scale, mealy bug, white fly, red spider, aphids, thrips, etc. Does not discolor foliage, but rather imparts a bright glossy appearance. One gallon makes from 32 to 100 gallons of spray solution. Half pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

Wilson's Weed Killer. Kills all plant growth. Dilute 1 part to 40 parts of water. Applied with an ordinary watering can. 1 qt., 50c; $\frac{1}{2}$ gal., 85c; 1 gal., \$1.50; 5 gals., \$5.50.

Wilson's O. K. Plant Spray. An insecticide that is equally good upon house plants as well as in the garden. It will destroy aphids, red spider, lace wing fly, currant worms, and other soft-bodied insects. $\frac{1}{2}$ pt., 45c; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00.

Zenoleum. A coal-tar product that is a powerful disinfectant, deodorant and germs destroyer. For use in stables, poultry-houses, dog-kennels, etc. $\frac{1}{2}$ pt., 35c; qt., 75c; $\frac{1}{2}$ gal., \$1.25; gal., \$1.75; 5 gals., \$8.

Foreign Names of Vegetables and Herbs

ENGLISH	GERMAN	FRENCH	ITALIAN	HOLLAND
Anise	Anis, Gvener	Anis	Anaso, Anacio	Anijs
Artichoke	Artischocke	Artichaut	Articoacca	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Aspersie
Balm	Citronen Melisse	Melisse citronelle	Melissa	Citronen Melisse
Basil	Basilikum	Basilico grand	Basilico	Boonen
Beans	Bohnen	Haricots	Paghioli	Bieten
Beet	Ruebe	Betterave	Barbabetola	
Borage	Boretseh	Bourrache	Boragine	
Broccoli	Spargelkohl	Chou Brocoli	Cavol brocolo	Spruitkool
Brussels Sprouts	Roseukohl	Chou de Bruxelles	Cavolo agermaglia	Slutkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Savooikool
Cabbage Savoy	Wirsing	Chou de Milan	Cavalo di Milano	Karrij
Caraway	Feld Kuemmel	Chou des pres	Carvi	Wortelen
Carrot	Carotten, Moehren	Carotte	Carato	Bloemkool
Cauliflower	Blumenkohl	Chou-fleur	Covoio-fiore	Seidertj
Celery	Sellerie	Celeri	Sedano	Knoise erij
Celeriac	Knoll-Sellerie	Celeri-rave	Cerfoglio	Kervil
Chervil	Kerbel	Certeil	Cicoria Wselvatica	
Chicory	Chicorien Wurzel	Chicoree sauvage	Coriandario	Korlander
Coriander	Coriander	Coriandre	Valeriana	Vellesia
Corn Salad	Feldsalat	Mache		
Corn	Mais	Mais		
Cress	Garen Kresse	Cresson alenois	Agratto	Tunkers
Cress, Water	Brannen Kresse	Cressondefontaine	Nasturtio	Waterkers
Cucumber	Garcken	Concombre	Cotrioli	Komkomer
Dandelion	Loewenzohle	Pissenlit	Dente di leone	
Dill	Dille	Aneth	Aheto	
Egg Plant	Bier Eflano	Aubergine	Pentenciano	
Endive	Endiven	Cicorce Endive	Indivia	Audijivo
Fennel	Fenchel	Fenouil	Fimochio	Nedkel
Garlic	Knoblauch	Ali	Agho	Knoflook
Horse Radish	Meer Rettig	Panifort sauvage	Alfano	Peperwortel
Hyssop	Isop	Hyssope	Issopo	Hijscop
Kale	Blatterkohl	Chou-vert	Cavolo verde	Boerkool
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa	Kooltrabi
Lavender	Lavendel	Lavande	Lavada	
Leek	Porre Lauch	Pombeau	Porro	Pref
Lettuce	Lattich Kopfsalat	Lattue	Lattuga	Kropsia
Marjoram	Marjoram	Marjolaine	Maggiarana	Marjoliin
Melon	Melone	Melon	Popone	Meleon
Melon, Water	Wasser-Melone	Melon d'eau	Cocomera	
Mushroom	Schwamm	Champignon	Fungo pratajole	Kampernoelle
Nasturtium	Kupuciner Kresse	Capucine	Nasturtio	Capucine-Kers
Okra	Ocher	Gombeud	Ibisco	
Onion	Zwiebel	Ognon	Cipollo	Ci Ulen
Parsley	Zasterille	Persil	Prezzemolo	Peterselt
Parsnip	Pastinake	Panais	Pastinaca	
Peas	Erbsen	Pois	Pisello	Pinksternadel
Pepper	Pfeffer	Piment	Peperone	Erwten
Pumpkin	Melonen Kuerbiss	Potiron	Zucca	Spaansch Peper
Radish	Radies	Radis	Ravanello	Radisj
Rhubarb	Rhabarber	Rhubarbe	Rabarano	Riharber
Rosemary	Rosmarin	Romarin	Rosmarino	Rosemarijn
Rue	Raute	Rue	Raffano	Mijnault
Saffron	Safran	Safran	Raffano	
Sage	Salbei	Sage	Salva	Salie
Salsify	Haferwurz	Salsifis	Barbarli becca	
Sorrel	Sauerampfer	Oseille	Aetosa	Zuring
Summer Savory	Bohenkraut	Sariette annule	Santoreggia	Boonenkruid
Spinach	Spinat	Epinard	Spinnaccio	Spinazie
Squash	Kuerbijs	Courge	Zucca	Pompeon
Tansy	Gemeiner-rainfarn	Tanastie	Atansia	
Thyme	Thymian	Thym	Time	Tijn
Tomato	Liebesapfel	Pomme d'Amour	Pomo d'oro	Tomaat
Turnip	Weisse-Reube	Navet	Navone	Rapen
Wormwood	Wermuth	Abstuthe	Assenzio	Sulkerij

PLANTING CALENDAR

FEBRUARY—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

MARCH—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, Early Turnip, Potatoes, Onion Sets, English Beans.

APRIL—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

MAY—Plant in Open Ground. Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

JUNE—Plant in Open Ground. Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta Baga, Melon, Herbs.

JULY—Plant in Open Ground. Beans, Beets, Cauliflower, Celery, Carrot, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

AUGUST—Plant in Open Ground. Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

SEPTEMBER—Plant in Open Ground. Cabbage, Cauliflower and Lettuce for Wintering in cold frames; Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

